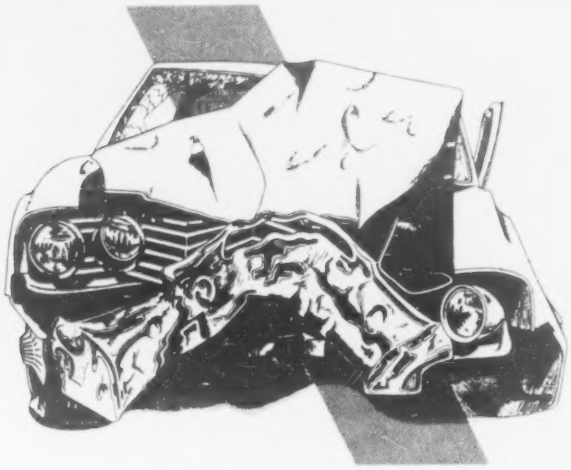
Nevada Traffic Accidents



1986

PREPARED BY

NEVADA DEPARTMENT OF TRANSPORTATION
SAFETY ENGINEERING DIVISION

IN COOPERATION WITH

NEVADA DEPARTMENT OF MOTOR VEHICLES,
AND THE FEDERAL HIGHWAY ADMINISTRATION

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INTRODUCTION

This publication presents a statistical history of all motor vehicle traffic accidents which occured in Nevada during the calender year 1986. Data contained within supplies the Nevada Department of Transportation, other responsible groups, agencies and individuals with statistical data which can be used to find ways to reduce the number and severity of traffic accidents in Nevada. Included are graphs and tables to depict the numerous relationships involved in traffic accidents.

During the calender year 1986 there were 31,576 traffic accidents. 21,525 were property damage only, 9848 were injury accidents, and 203 were fatal accidents. The injury and fatal accidents resulted in 15,067 injuries and 233 fatalities.

The 1986 accident totals represents no change in property damage accidents, 1.2% increase in injury accidents, a 10.5% decrease in the fatal accidents; and a 9.4% increase in the number of injuries and a 10.0% decrease in the number of fatalities over the 1985 totals.

The annual vehicle miles for 1986 were 8.07 billion compared with 7.71 billion in 1985, a 4.7% increase. The total economic loss resulting from these traffic accidents is $216,997,850 based upon 1984 National Safety Council estimates for accident costs.

The overall accident rate for 1986 showed a (1.3%) decrease over the rate for 1985. The accident rates per 100 million vehicle miles for property damage, injury and fatal accidents in 1986 were 266.89 (−4.4%), 122.11 (+6.4%) and 2.52 (−14.6%) respectively as compared with corresponding 1985 rates of 279.05, 114.75 and 2.94.

1986 STATEWIDE TRAFFIC ACCIDENTS

ACCIDENT RATES AND ANNUAL VEHICLE MILES

TABLE A

ACCIDENT RATES PER 100 MILLION VEHICLE MILES FOR FATAL, INJURY AND TOTAL ACCIDENTS IN NEVADA

YEAR	FATAL		INJURY		TOTAL		TOTAL ANNUAL VEHICLE MILES (MILLIONS)
	ACCIDENTS	RATE	ACCIDENTS	RATE	ACCIDENTS	RATE	
1977	226	4.27	7,127	134.52	26,158	493.73	5,289
1978	271	4.71	8,885	154.52	31,582	549.25	5,750
1979	302	5.12	9,463	160.55	32,472	550.93	5,984
1980	302	4.96	8,696	142.95	33,984	558.65	6,083
1981	258	3.99	8,327	129.03	33,682	521.93	6,453
1982	248	3.81	7,540	115.79	31,197	479.10	6,512
1983	219	3.29	7,911	118.98	31,213	469.46	6,648
1984	215	2.94	8,127	111.32	31,438	432.63	7,300
1985	227	2.94	8,845	114.75	30,581	396.74	7,708
1986	203	2.52	9,848	122.11	31,576	391.52	8,065

TABLE B

COMPARISON OF NEVADA AND NATIONAL ACCIDENT RATES FOR FATAL AND INJURY ACCIDENTS

YEAR	FATAL ACCIDENTS		INJURY ACCIDENTS	
	NEVADA	NATIONAL	NEVADA	NATIONAL
1977	4.27	2.91	134.52	129.77
1978	4.71	2.92	154.52	138.32
1979	5.12	2.97	160.55	137.46
1980	4.96	3.38	142.95	132.82
1981	3.99	2.84	129.03	130.12
1982	3.81	2.45	115.79	123.62
1983	3.29	2.30	118.98	121.61
1984	2.94	2.31	111.32	124.48
1985	2.94	2.21	114.75	125.00
1986	2.52	2.31est	122.11	120.07est

DURING 1986 THE NEVADA ACCIDENT RATES, EXCEPT IN INJURY ACCIDENTS, SHOWED A SIGNIFICANT DECREASE WHEN COMPARED WITH THE 1985 TOTALS.

**NOTE: TRAFFIC ACCIDENTS OCCURRING ON PRIVATE PROPERTY ARE NOT INCLUDED*

1986 STATEWIDE TRAFFIC ACCIDENTS

NUMBER OF TRAFFIC ACCIDENTS ANNUAL VEHICLE MILES AND ACCIDENT RATES BY COUNTY

COUNTY	TOTAL TRAFFIC ACCIDENTS	% OF TOTAL ACCIDENTS	TOTAL AVM	% OF TOTAL AVM	ACCIDENT RATE PER 10^8 AVM
ESMERALDA	72	0.23	62,000,000	0.77	116.13
STOREY	82	0.26	12,000,000	0.15	683.33
EUREKA	117	0.37	60,000,000	0.75	195.00
LINCOLN	128	0.41	61,000,000	0.76	209.84
LANDER	136	0.43	75,000,000	0.93	181.33
PERSHING	142	0.45	150,000,000	1.86	94.67
MINERAL	222	0.70	98,000,000	1.22	226.53
LYON	227	0.72	173,000,000	2.14	131.21
WHITE PINE	299	0.95	102,000,000	1.26	293.14
HUMBOLDT	317	1.00	177,000,000	2.19	179.09
NYE	354	1.12	175,000,000	2.17	202.29
CHURCHILL	496	1.57	207,000,000	2.57	239.61
ELKO	675	2.14	368,000,000	4.56	183.42
DOUGLAS	834	2.64	289,000,000	3.58	288.58
CARSON CITY	1048	3.32	216,000,000	2.68	485.18
WASHOE	7595	24.05	1,967,000,000	24.39	386.12
CLARK	18,832	59.64	3,873,000,000	48.02	486.24
TOTAL	31,576	100.00	8,065,000,000	100.00	391.52

CLARK COUNTY HAS THE LARGEST POPULATION, THE MOST VEHICLE MILES, AND THE LARGEST NUMBER OF TRAFFIC ACCIDENTS. STORY COUNTY HAS THE HIGHEST TRAFFIC ACCIDENT RATE PER 100 MILLION VEHICLE MILES. PERSHING COUNTY HAS THE LOWEST RATE PER 100 MILLION VEHICLE MILES.

1986 STATEWIDE TRAFFIC ACCIDENTS

NUMBER OF TRAFFIC ACCIDENTS, ANNUAL VEHICLE MILES AND ACCIDENT RATES BY HIGHWAY SYSTEM

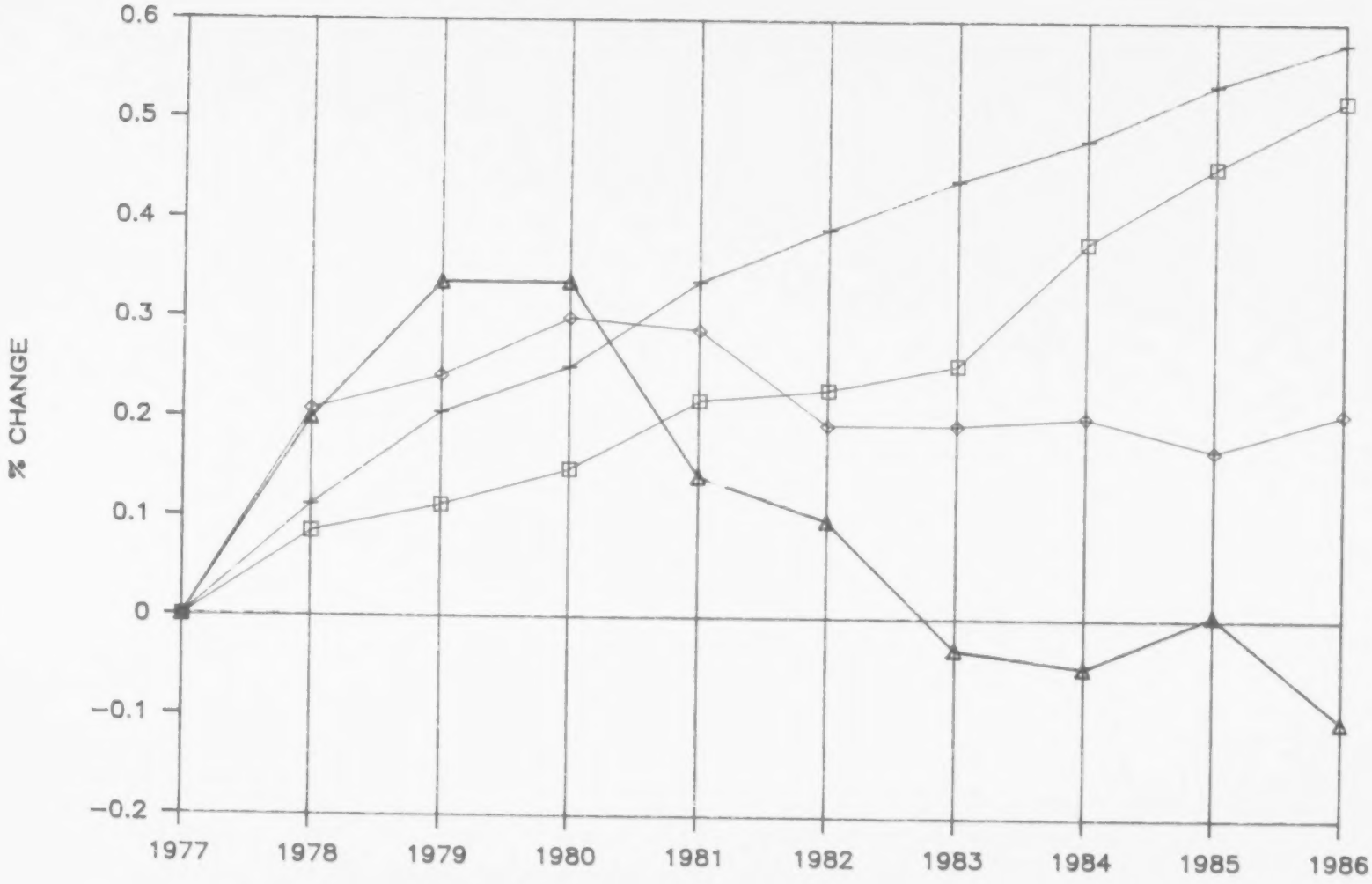
HIGHWAY SYSTEM	TOTAL ACCIDENTS	% OF TOTAL ACCIDENTS	*TOTAL AVM MILLIONS	% OF TOTAL AVM	ACCIDENT RATE PER 10^8 AVM
INTERSTATE RURAL	1063	3.4	1,155,000,000	14.3	92.03
INTERSTATE URBAN	1975	6.2	658,000,000	8.2	300.15
FEDERAL AID PRIMARY RURAL	1880	6.0	1,073,000,000	13.3	175.21
FEDERAL AID PRIMARY URBAN	1095	3.5	447,000,000	5.5	244.97
FEDERAL AID SECONDARY RURAL	1426	4.5	616,000,000	7.6	231.49
FEDERAL AID URBAN	15,809	50.1	2,421,000,000	30.1	652.99
NON FEDERAL AID RURAL LOCAL	1044	3.3	651,000,000	8.1	160.37
NON FEDERAL AID URBAN LOCAL	6585	20.8	921,000,000	11.4	714.99
FEDERAL AID URBAN COLLECTOR	699	2.2	123,000,000	1.5	568.29
TOTAL	31,576	100.0	8,065,000,000	100.0%	391.52

*ROUNDED TO MILLIONS

FA URBAN ROADS EXPERIENCED THE LARGEST NUMBER OF ACCIDENTS AND THE HIGHEST NUMBER OF VEHICLE MILES. NON FEDERAL AID URBAN LOCALS EXPERIENCED THE HIGHEST ACCIDENT RATE PER 100 MILLION VEHICLE MILES. INTERSTATE RURAL EXPERIENCED THE LOWEST ACCIDENT RATE PER 100 MILLION MILES.

1986 STATEWIDE TRAFFIC ACCIDENTS

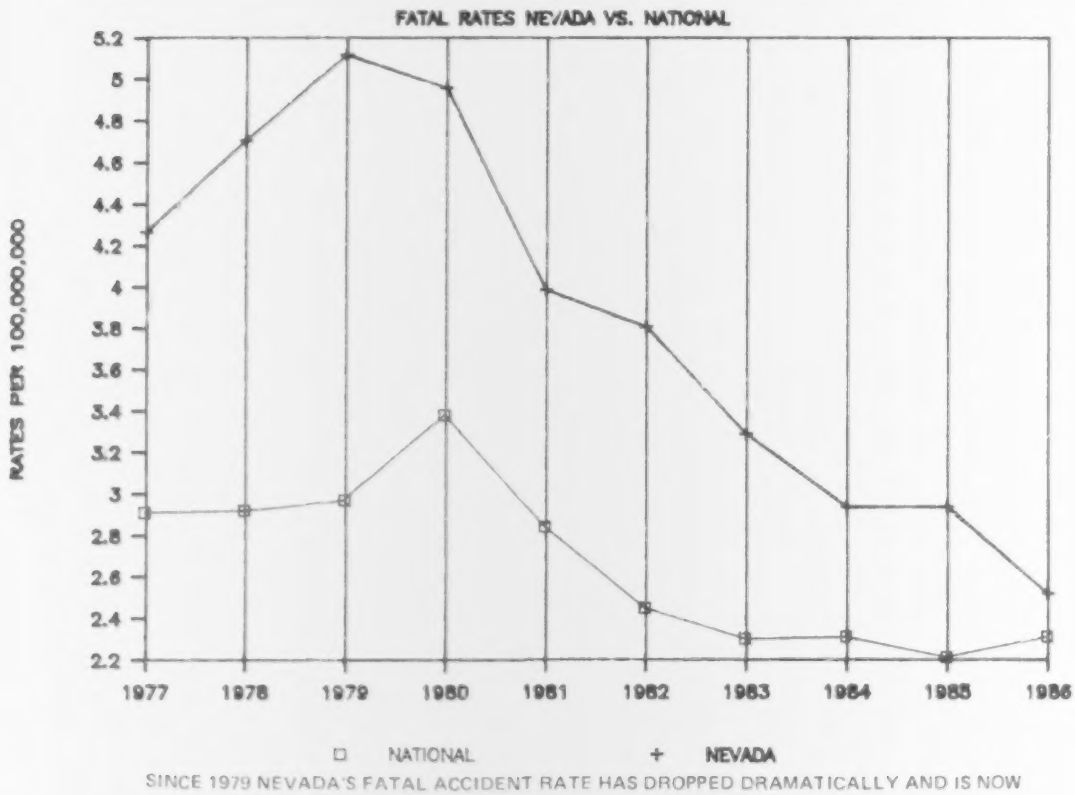
COMPARISONS OF ANNUAL VEHICLE MILES, TOTAL ACCIDENTS, FATAL ACCIDENTS, AND POPULATION



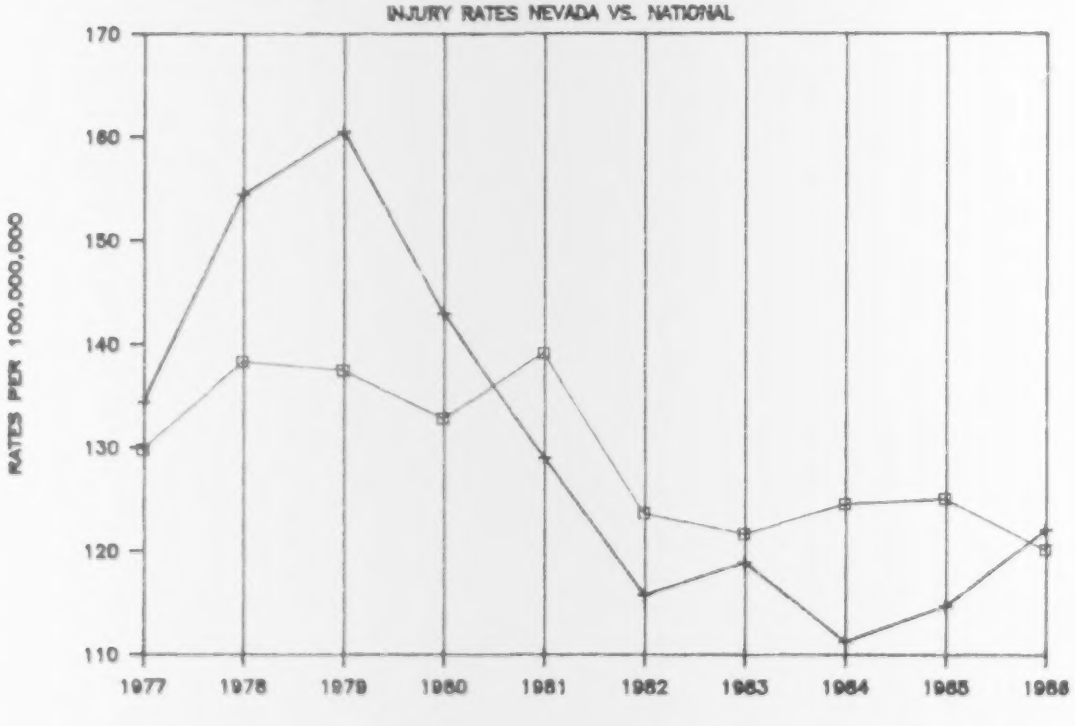
1977 Base Year Stats

Pop. 637,895 Tot. Fat. Acc. 226 Tot Acc. 26,158 AVM 5.3 billion

A COMPARISON OF FATAL AND INJURY RATES FOR NEVADA vs NATIONAL



SINCE 1979 NEVADA'S FATAL ACCIDENT RATE HAS DROPPED DRAMATICALLY AND IS NOW APPROACHING THE NATIONAL AVERAGE.

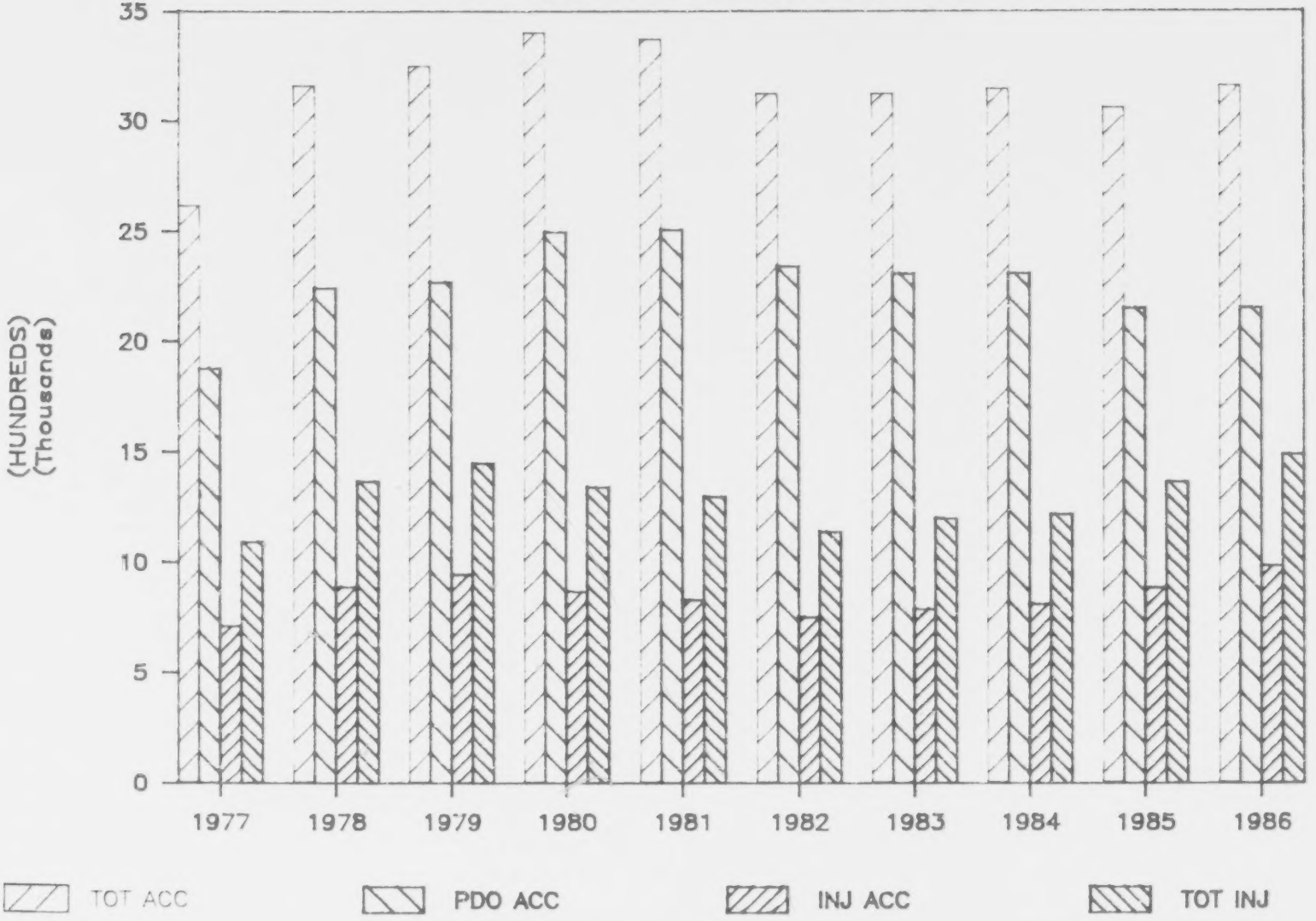


THE INJURY ACCIDENT RATE HAS REMAINED RELATIVELY CONSISTENT SINCE 1982.

1986 STATEWIDE TRAFFIC ACCIDENTS

TEN YEAR TRENDS

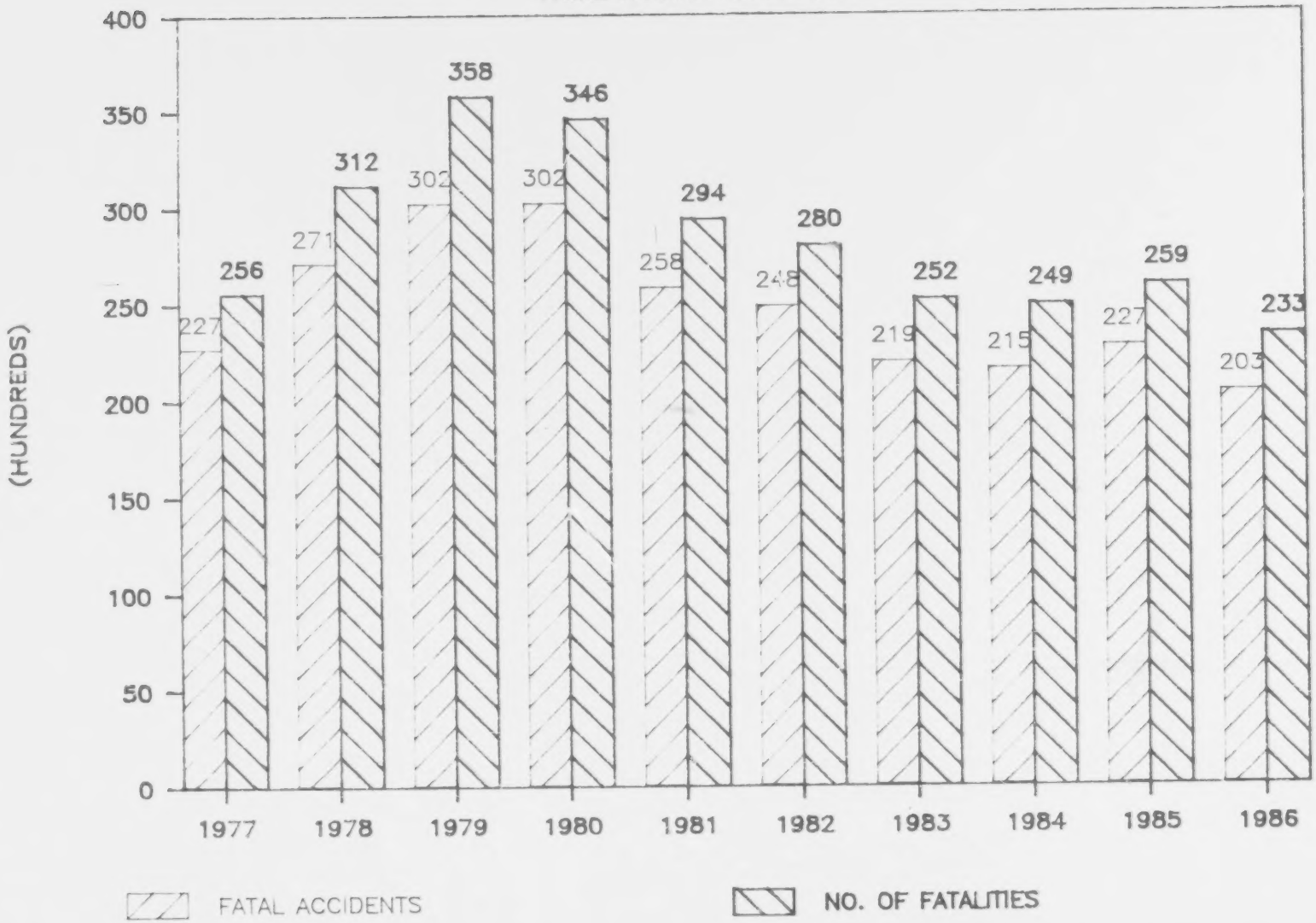
TOTAL, PROPERTY DAMAGE, AND INJURY ACC.



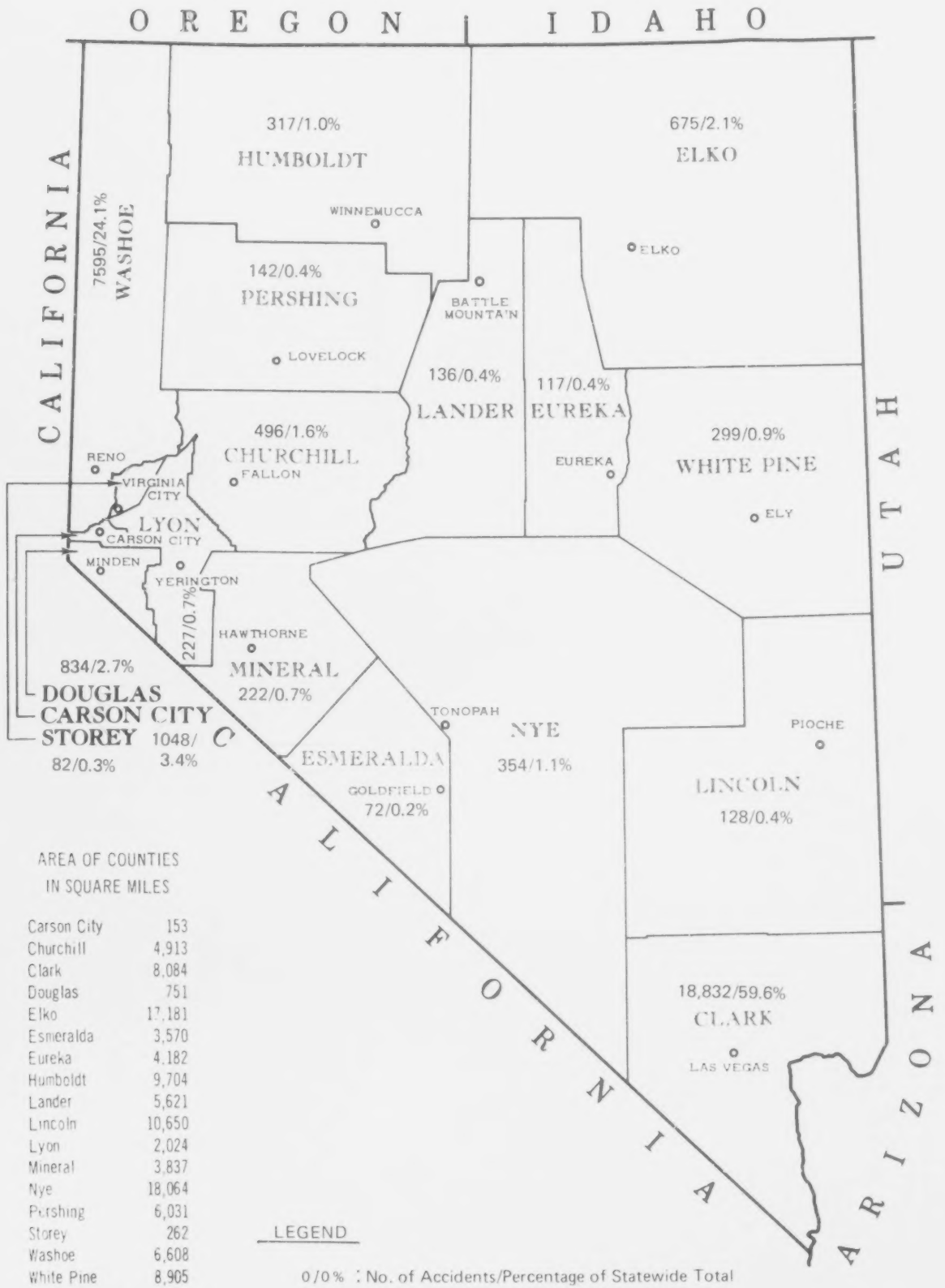
1986 STATEWIDE TRAFFIC ACCIDENTS

TEN YEAR TRENDS

FATAL TRAFFIC ACCIDENTS



1986 NUMBER AND PERCENTAGE OF ACCIDENTS BY COUNTY
(All Traffic Accidents Statewide)



AREA OF COUNTIES
IN SQUARE MILES

Carson City	153
Churchill	4,913
Clark	8,084
Douglas	751
Elko	17,181
Esmeralda	3,570
Eureka	4,182
Humboldt	9,704
Lander	5,621
Lincoln	10,650
Lyon	2,024
Mineral	3,837
Nye	18,064
Pershing	6,031
Storey	262
Washoe	6,608
White Pine	8,905

LEGEND

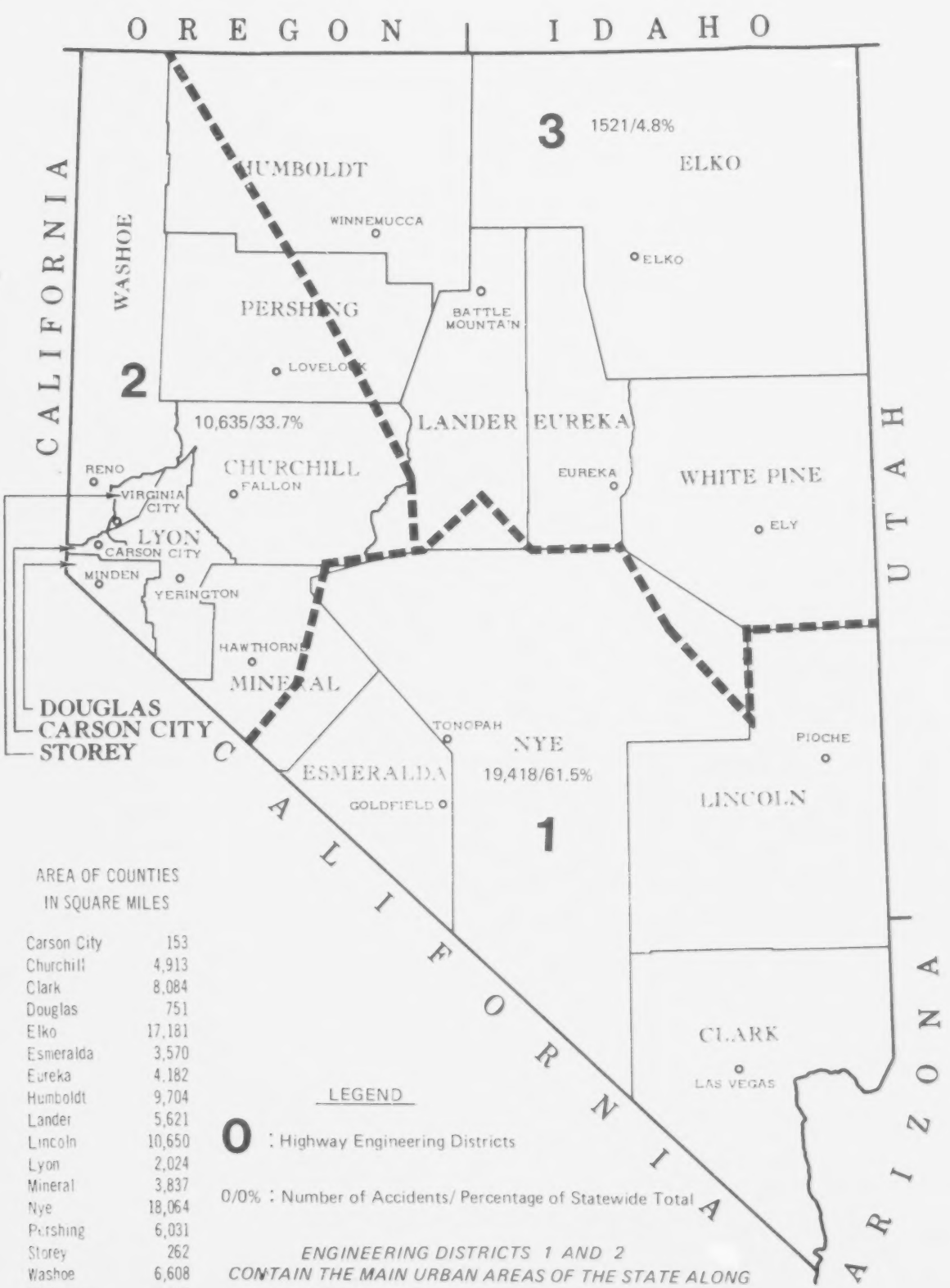
0/0% : No. of Accidents/Percentage of Statewide Total

INJURY, FATAL AND TOTAL ACCIDENTS AS INVESTIGATED BY INDIVIDUAL STATEWIDE REPORTING AGENCIES

REPORTING AGENCY	INJURY ACCIDENTS	FATAL ACCIDENTS	TOTAL ACCIDENTS
NEVADA HIGHWAY PATROL ZONE 1	1388	56	4152
NEVADA HIGHWAY PATROL ZONE 2	976	39	2937
NEVADA HIGHWAY PATROL ZONE 3	271	18	825
CARSON CITY SHERIFF	179	3	896
CHURCHILL COUNTY SHERIFF	28	0	121
FALLON POLICE DEPT.	25	0	118
LAS VEGAS METRO POLICE DEPT.	4384	46	12968
NORTH LAS VEGAS POLICE DEPT.	357	8	1119
HENDERSON POLICE DEPT.	275	2	675
BOULDER CITY POLICE DEPT.	35	1	181
NATIONAL PARK SERVICE (LAKE MEAD)	34	2	80
DOUGLAS COUNTY SHERIFF	58	0	376
ELKO COUNTY SHERIFF	22	2	112
ELKO POLICE DEPT.	29	0	207
WELLS POLICE DEPT.	0	0	0
CARLIN POLICE DEPT.	5	0	18
ESMERALDA COUNTY SHERIFF	1	1	10
EUREKA COUNTY SHERIFF	2	0	22
HUMBOLDT COUNTY SHERIFF	15	1	47
WINNEMUCCA POLICE DEPT.	15	0	102
LANDER COUNTY SHERIFF	6	1	36
LINCOLN COUNTY SHERIFF	4	0	38
CALIENTE POLICE DEPT.	0	0	6
LYON COUNTY SHERIFF	7	0	61
YERINGTON POLICE DEPT.	2	0	24
MINERAL COUNTY SHERIFF	15	0	112
NYE COUNTY SHERIFF	31	2	149
GABBS POLICE DEPT.	0	0	0
PERSHING COUNTY SHERIFF	1	0	8
LOVELOCK POLICE DEPT.	2	0	8
STOREY COUNTY SHERIFF	6	0	52
WASHOE COUNTY SHERIFF	190	10	709
RENO POLICE DEPT.	1118	7	3795
SPARKS POLICE DEPT.	299	2	1310
WHITE PINE COUNTY SHERIFF	26	0	184
OTHERS	42	2	118

1986 STATEWIDE TRAFFIC ACCIDENTS

NUMBER AND PERCENTAGE OF ACCIDENTS BY DISTRICT



AREA OF COUNTIES
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Lincoln	10,650
Lyon	2,024
Mineral	3,837
Nye	18,064
Pershing	6,031
Storey	262
Washoe	6,608
White Pine	8,905

LEGEND

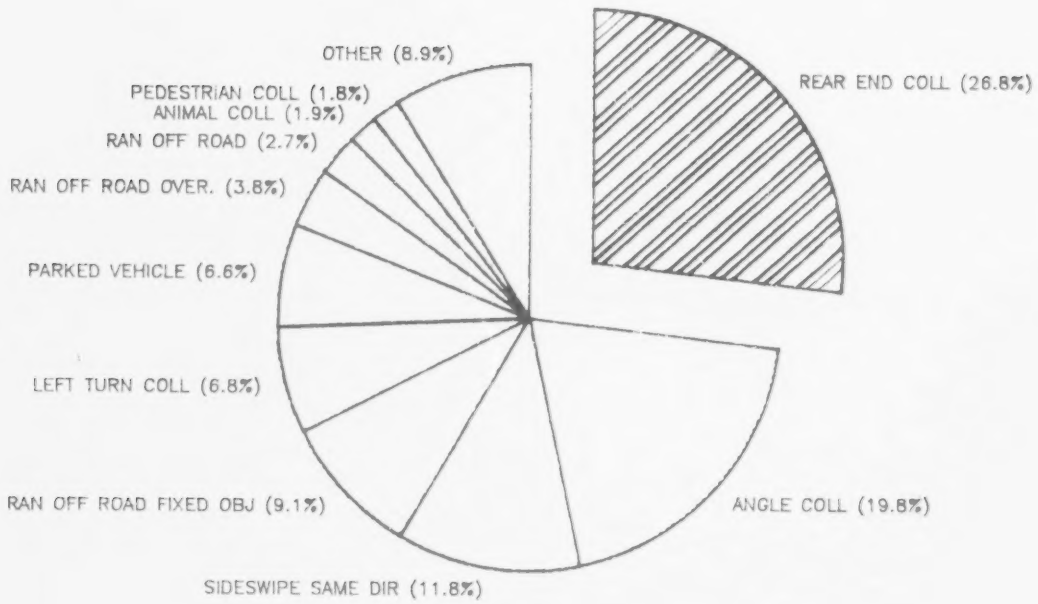
0 : Highway Engineering Districts

0/0% : Number of Accidents/ Percentage of Statewide Total

ENGINEERING DISTRICTS 1 AND 2 CONTAIN THE MAIN URBAN AREAS OF THE STATE ALONG WITH THE STATE CAPITOL, AND ACCOUNTED FOR 95.2% OF THE ACCIDENTS

1986 STATEWIDE TRAFFIC ACCIDENTS

TYPE OF ACCIDENTS STATEWIDE

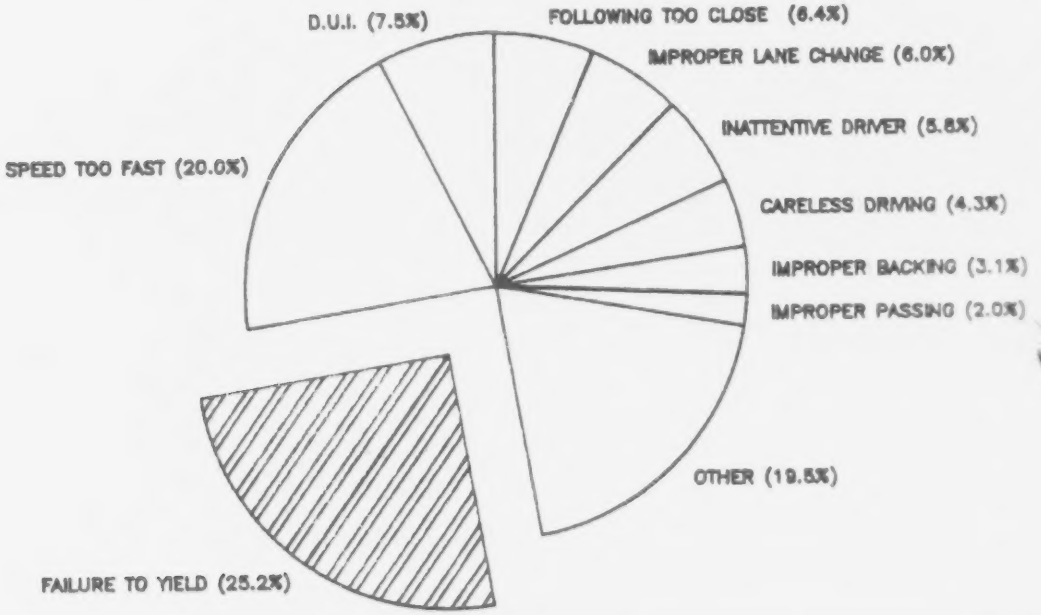


AS REFLECTED BY THIS GRAPH, REAR END , ANGLE, AND SIDESWIPE SAME DIRECTION COLLISIONS WERE THE MAJOR ACCIDENT TYPES FOR 1986.

1986 STATEWIDE TRAFFIC ACCIDENTS

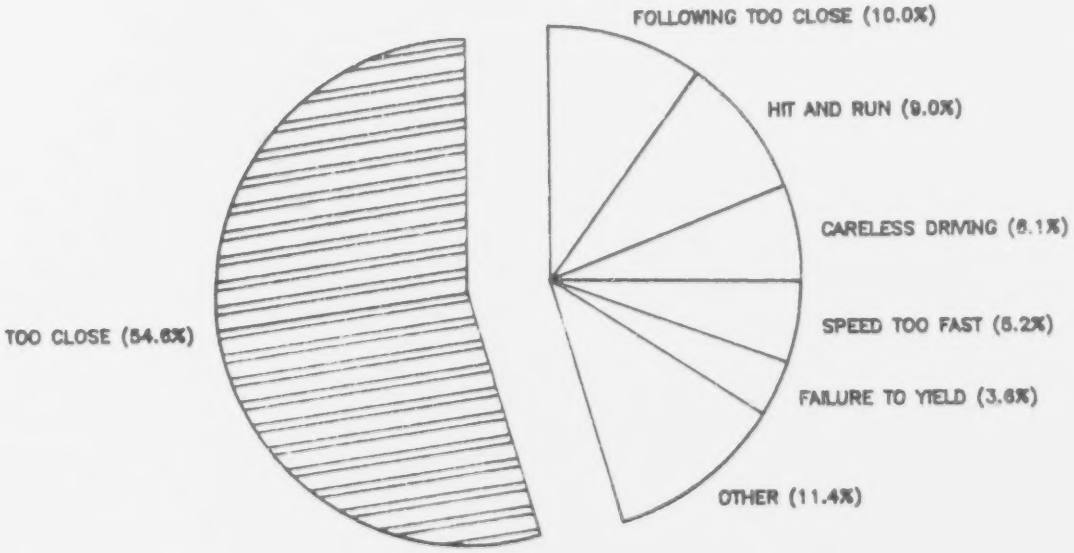
CONTRIBUTING FACTOR IN ALL ACCIDENTS

PRIMARY FACTOR



CONTRIBUTING FACTOR IN ALL ACCIDENTS

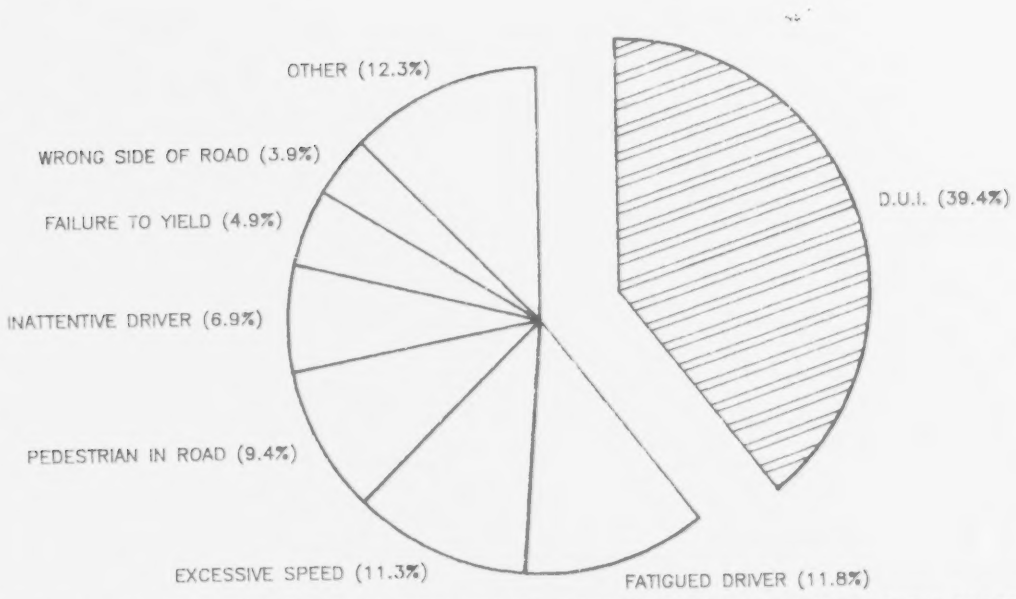
SECONDARY FACTOR



1986 STATEWIDE TRAFFIC ACCIDENTS

CONTRIBUTING FACTORS IN FATAL ACCIDENTS

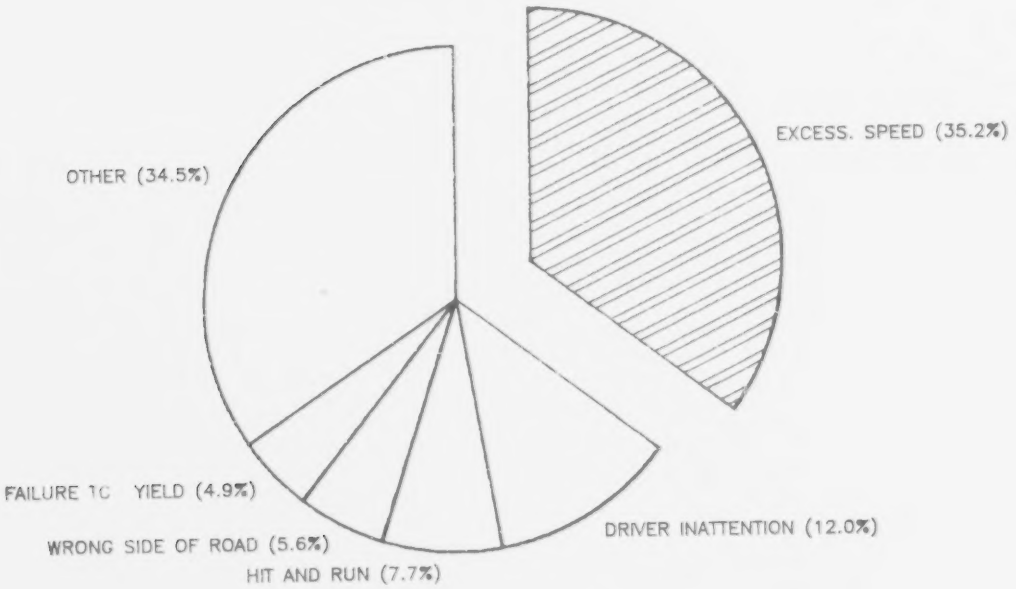
PRIMARY FACTOR



DRIVING UNDER THE INFLUENCE OF ALCOHOL WAS THE PRIMARY CAUSATIVE FACTOR IN FATAL TRAFFIC ACCIDENTS AND FAR OUTDISTANCED THE 2nd LEADING CAUSATIVE FACTOR FATIGUED DRIVER BY A 3.3 TO 1 MARGIN.

CONTRIBUTING FACTOR IN FATAL ACCIDENTS

SECONDARY FACTOR

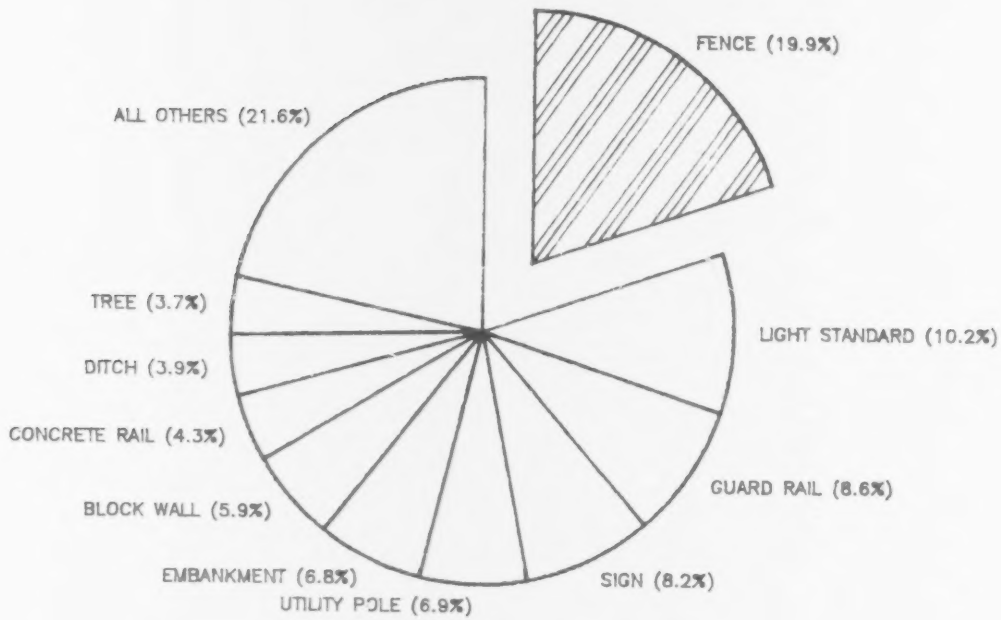


*Secondary contributing factors were not coded in all fatal accidents.

1986 STATEWIDE TRAFFIC ACCIDENTS

ACCIDENTS INVOLVING FIXED OBJECTS

3651 TOTAL ACCIDENTS

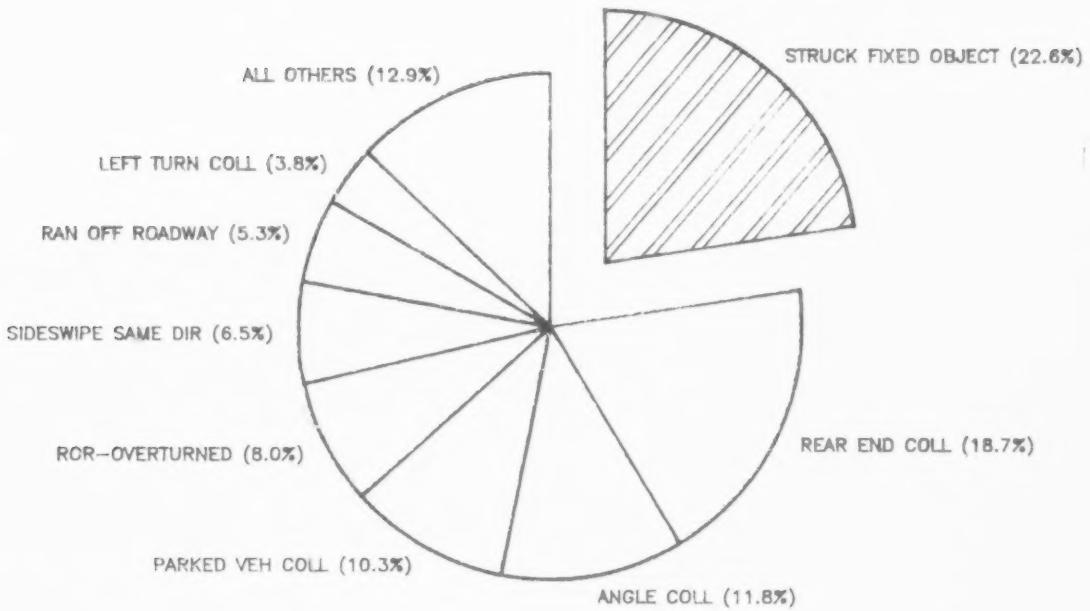


DURING 1986 THE MOST FREQUENTLY STRUCK OBJECT ALONG NEVADA'S HIGHWAYS WERE FENCES. FIXED OBJECT COLLISIONS COMPRISED 11.6% OF ALL 1986 ACCIDENTS AS COMPARED TO 12.8% IN 1985.

1986 STATEWIDE TRAFFIC ACCIDENTS

DRIVING UNDER THE INFLUENCE OF ALCOHOL

RELATED TO TYPE OF ACCIDENT



TOTAL D.U.I. ACCIDENTS– 2394

D.U.I. ACCIDENTS INCREASED 6.3% FROM 1985

1986 STATEWIDE TRAFFIC ACCIDENTS

ALCOHOL RELATED PROPERTY DAMAGE, INJURY, FATAL, AND TOTAL ACCIDENTS BY COUNTY

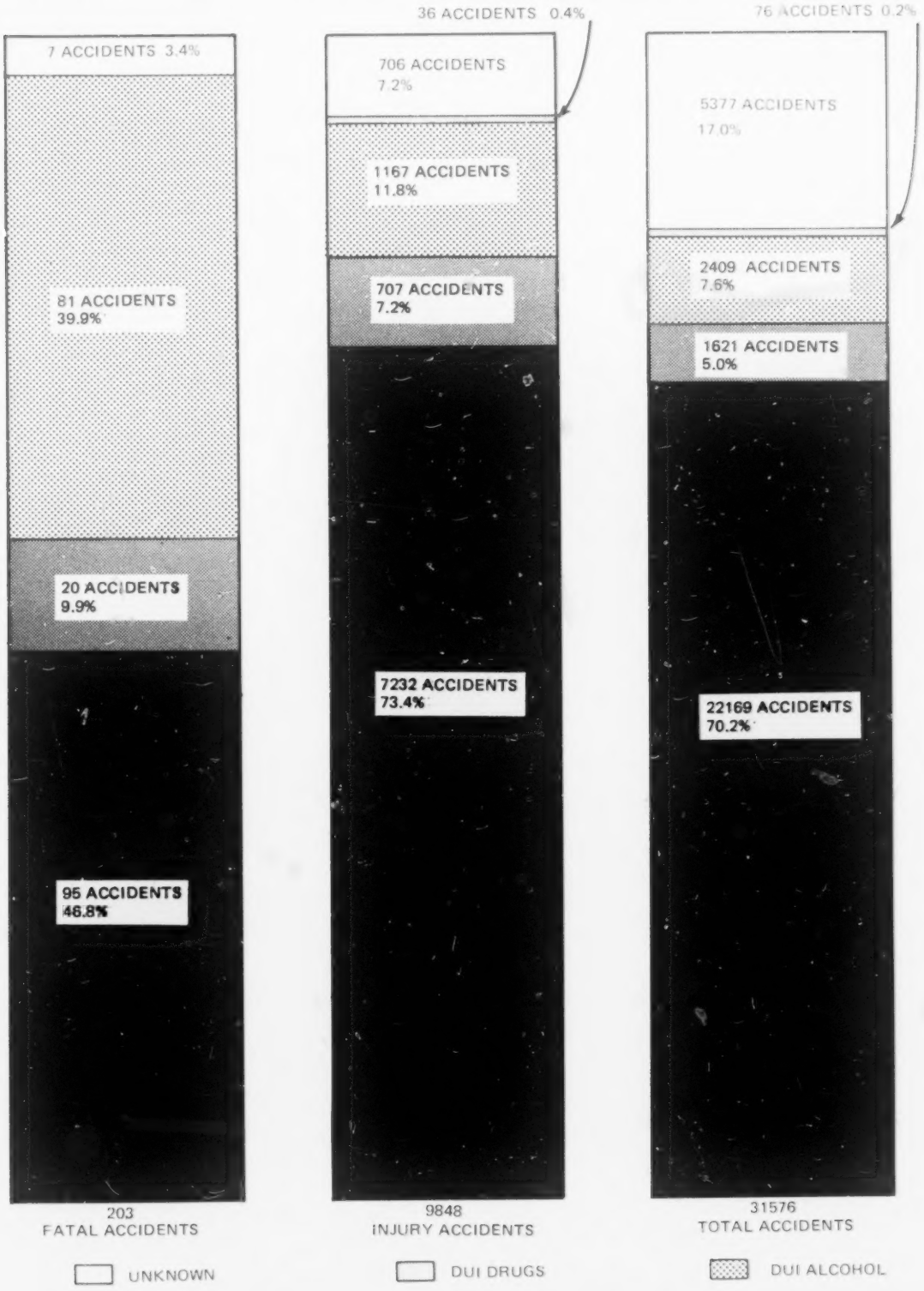
COUNTY	PROPERTY DAMAGE ACCIDENTS	INJURY ACCIDENTS	FATAL ACCIDENTS	TOTAL ALCOHOL ACCIDENTS	% OF TOTAL COUNTY ACCIDENTS
CARSON CITY	72	52	1	125	11.9%
CHURCHILL	29	30	4	63	12.7%
CLARK	1234	1151	50	2435	12.9%
DOUGLAS	88	59	5	152	18.2%
ELKO	40	30	1	71	10.5%
ESMERALDA	4	7	2	13	18.0%
EUREKA	2	4	0	6	5.1%
HUMBOLDT	14	13	3	30	9.5%
LANDER	7	10	0	17	12.5%
LINCOLN	3	4	2	9	7.0%
LYON	21	18	1	40	17.6%
MINERAL	7	16	2	25	11.3%
NYE	25	35	3	63	17.8%
PERSHING	10	6	0	16	11.3%
STOREY	10	5	0	15	18.3%
WASHOE	440	390	21	851	11.2%
WHITE PINE	21	10	2	33	11.0%

STOREY AND DOUGLAS COUNTIES HAVE THE HIGHEST PERCENTAGE OF ALCOHOL INVOLVED ACCIDENTS WHEN COMPARED TO THEIR COUNTY'S TOTAL ACCIDENT EXPERIENCE WHILE EUREKA HAS THE LOWEST PERCENTAGE OF ALCOHOL INVOLVED ACCIDENTS.

1986 STATEWIDE TRAFFIC ACCIDENTS

PERCENTAGE OF ALCOHOL INVOLVEMENT

ALCOHOL WAS INVOLVED IN 49.8% OF FATAL ACCIDENTS, 19.0% OF INJURY ACCIDENTS AND 12.6% OF TOTAL ACCIDENTS.



1986 STATEWIDE TRAFFIC ACCIDENTS

ACCIDENT TYPE BY SEVERITY

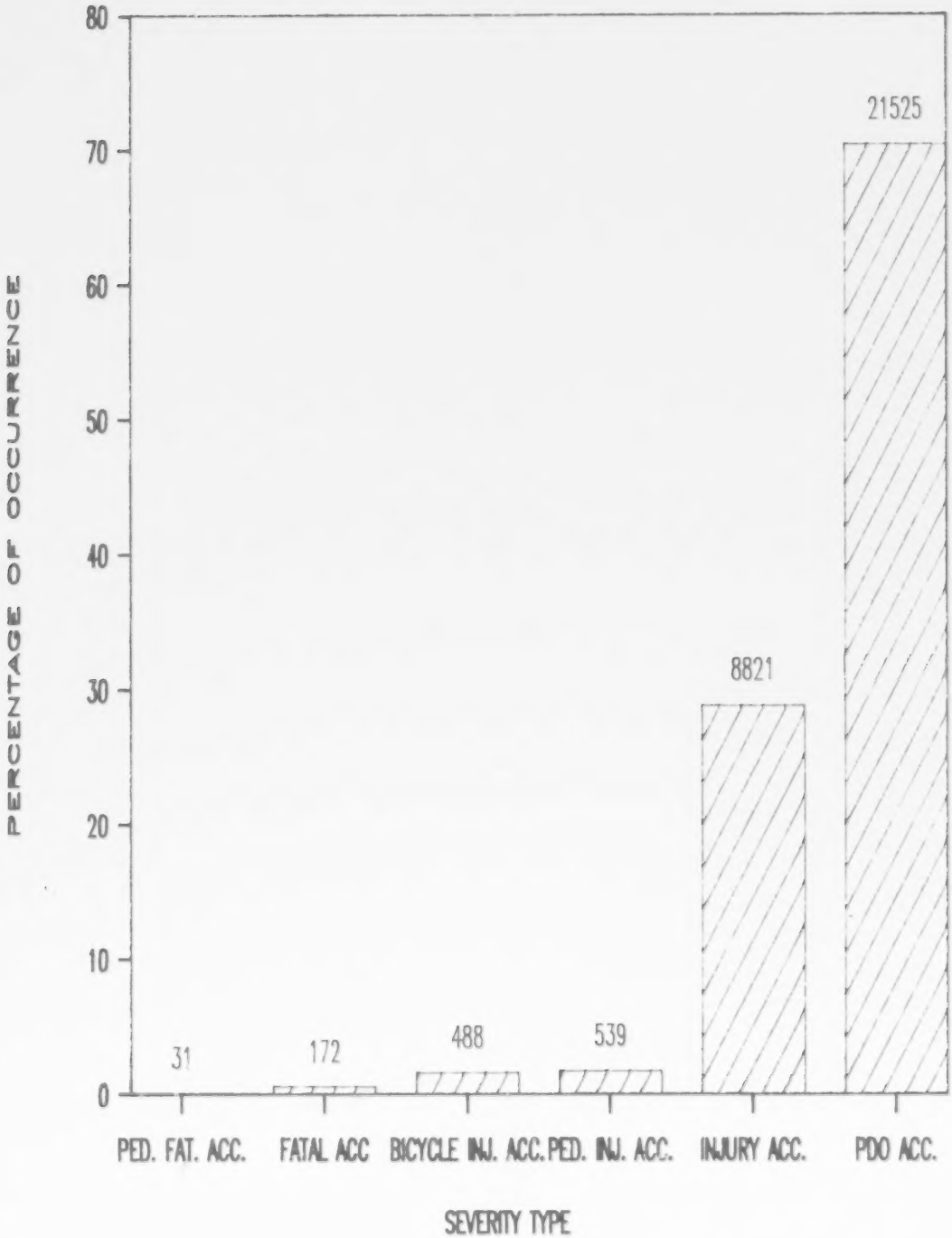
TYPE OF ACCIDENT	PROPERTY DAMAGE ONLY ACCIDENT	INJURY ONLY ACCIDENT	FATAL ACCIDENT	TOTAL ACCIDENTS	NO. OF INJURIES	NO. OF FATALITIES
REAR END COLLISIONS	5781	2679	6	8466	4304	6
ANGLE COLLISIONS	4262	1979	10	6251	3315	11
SIDESWIPE SAME DIRECTION	3206	529	2	3737	748	2
RAN OFF ROAD AND STRUCK FIXED OBJECT	1812	744	20	2576	976	26
LEFT TURN COLLISION	1327	806	7	2140	1359	9
COLLISION WITH PARKED VEHICLE	1805	269	2	2076	331	2
RAN OFF ROAD AND OVERTURNED	441	691	72	1204	1202	78
RAN OFF ROADWAY	597	245	0	842	323	0
COLLISION WITH ANIMAL	539	55	0	594	73	0
COLLISION WITH PEDESTRIAN	0	540	27	567	630	27
COLLISION WITH PEDALCYCLE	0	480	3	483	514	3
SIDESWIPE OPPOSITE DIRECTION	187	95	0	282	156	0
OVERTURNED ON ROADWAY	45	186	1	232	231	1
HEAD ON COLLISION	83	101	17	201	220	28
RAN OFF ROAD AND STRUCK CULVERT OR ABUTMENT	131	57	1	189	84	1
STRUCK OBJECT IN ROAD	169	14	0	183	15	0
COLLISION WITHOUT CONTROL OF VEHICLE	103	46	6	155	94	7
VEHICLE ON FIRE	149	3	0	152	4	0
RAN OFF ROAD AND STRUCK EMBANKMENT	75	36	0	111	47	0
RAN OFF ROAD AND OTHER COMBINATIONS	45	57	6	108	79	6
RAN OFF ROAD INTO MEDIAN AND OVERTURNED	24	69	12	105	120	15
RAN OFF ROAD AND STRUCK MEDIAN FIXED OBJECTS	64	34	4	102	44	4
TRAILING UNIT DISCONNECTS	77	3	0	80	6	0
RAN OFF ROAD INTO MEDIAN	45	26	0	71	36	0
RIGHT TURN COLLISION	45	6	0	51	9	0
STRUCK PROTRUDING PART OF VEHICLE	42	3	0	45	6	0

ACCIDENT TYPE BY SEVERITY cont.

TYPE OF ACCIDENT	PROPERTY DAMAGE ONLY ACCIDENT	INJURY ONLY ACCIDENT	FATAL ACCIDENT	TOTAL ACCIDENTS	NO. OF INJURIES	NO. OF FATALITIES
CHAIN REACTION COLLISION	18	19	3	40	43	3
JACK–KNIFE IN ROAD	40	0	0	40	0	0
RAN OFF ROAD DOWN EMBANKMENT OR CLIFF	14	17	0	31	24	0
STRUCK PARKED VEHICLE OFF ROADWAY	9	7	1	17	9	1
RAN OFF ROADWAY INTO RIVER OR DITCH	7	2	0	9	2	0
COLLISION WITH TRAIN	4	0	0	4	0	0
STRUCK RAILROAD CROSSING GATE IN ROAD	4	0	0	4	0	0
RAN OFF ROADWAY AT RAILROAD CROSSING	3	1	0	4	2	0
OTHER OR UNKNOWN COLLISION	346	42	2	390	46	2
TOTAL	21,525	9848	203	31,576	15,067	233

1986 STATEWIDE TRAFFIC ACCIDENTS

SEVERITY OF TRAFFIC ACCIDENTS

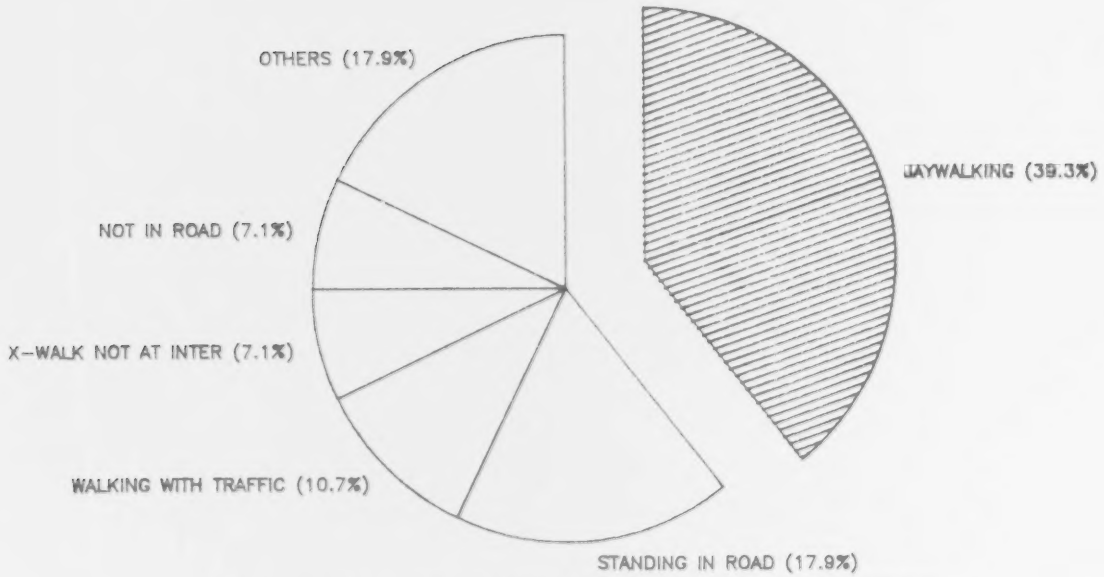


31.2% OF THE ACCIDENTS WHICH OCCURRED IN NEVADA DURING 1986 RESULTED IN PERSONAL INJURY. LESS THAN 1% OF THE ACCIDENTS RESULTED IN A DEATH. "PROPERTY DAMAGE ONLY" ACCIDENTS ACCOUNTED FOR THE LARGEST PERCENTAGE OF THE ACCIDENTS WITH 68.2%.

1986 STATEWIDE TRAFFIC ACCIDENTS

PEDESTRIAN ACTION

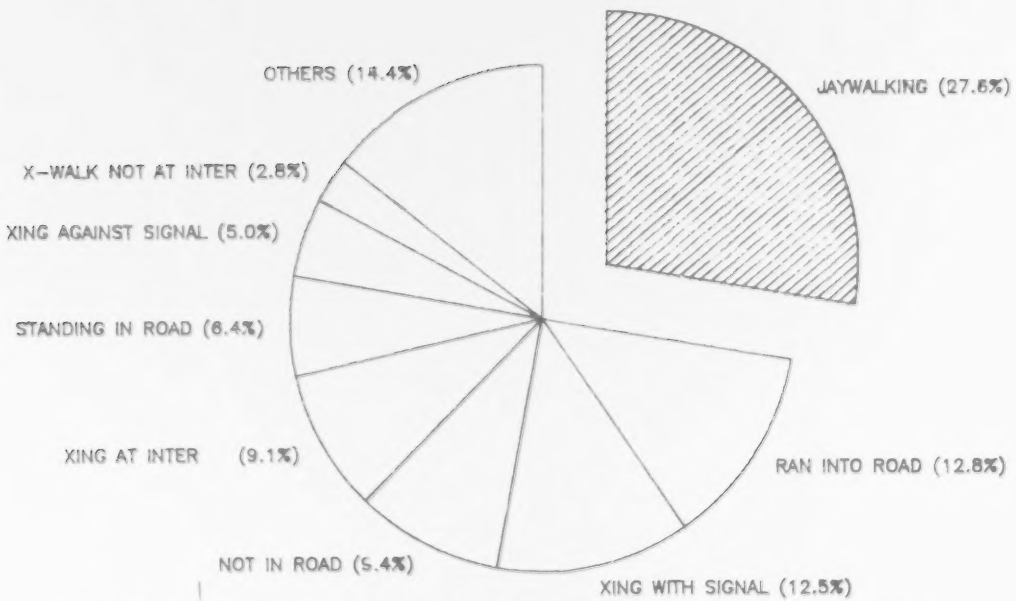
FATAL PEDESTRIAN ACCIDENTS



PEDESTRIAN ERROR WAS THE MAJOR CAUSATIVE FACTOR IN THE 28 FATAL ACCIDENTS

PEDESTRIAN ACTION

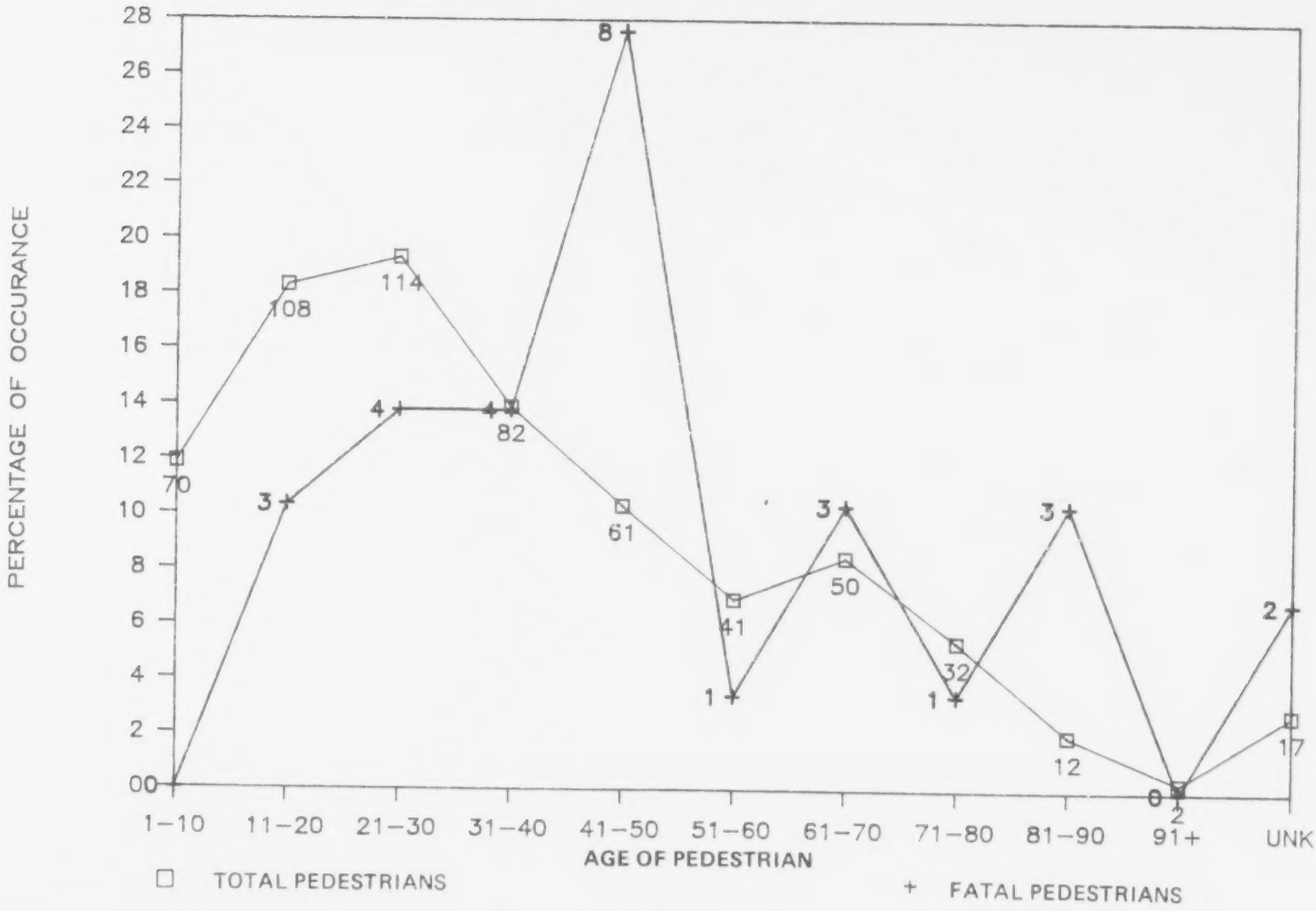
TOTAL PEDESTRIAN ACCIDENTS



THERE WERE 562 PEDESTRIAN ACCIDENTS IN 1986 IN WHICH PEDESTRIAN ERROR WAS THE MAJOR CAUSATIVE FACTOR

1986 STATEWIDE TRAFFIC ACCIDENTS

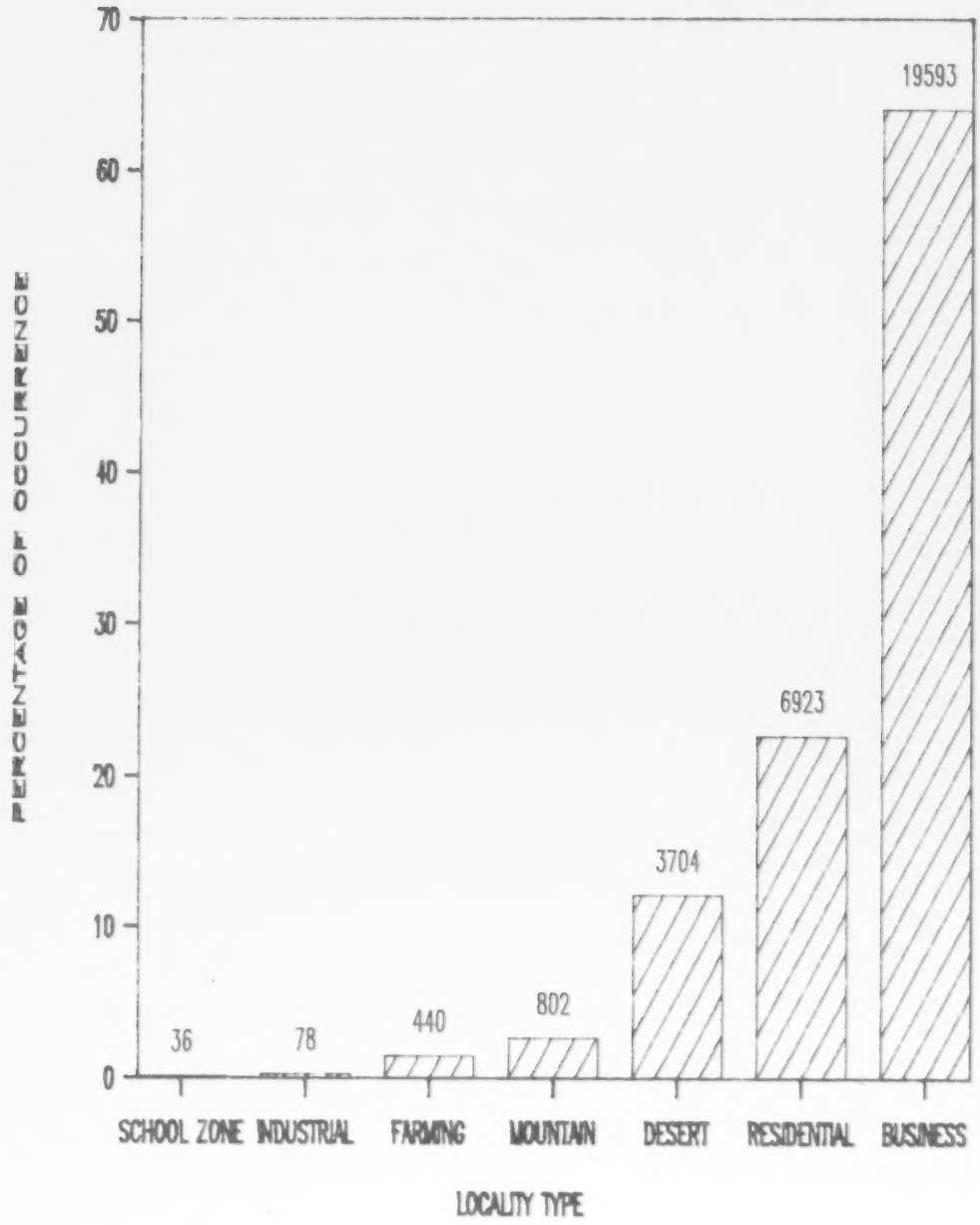
PEDESTRIAN AGE BY SEVERITY



DURING 1986 THE AGE GROUP 41–50 SUSTAINED THE MOST FATAL INJURIES WHILE THE AGE GROUP 21–30 HAD THE HIGHEST OCCURRENCE

1986 STATEWIDE TRAFFIC ACCIDENTS

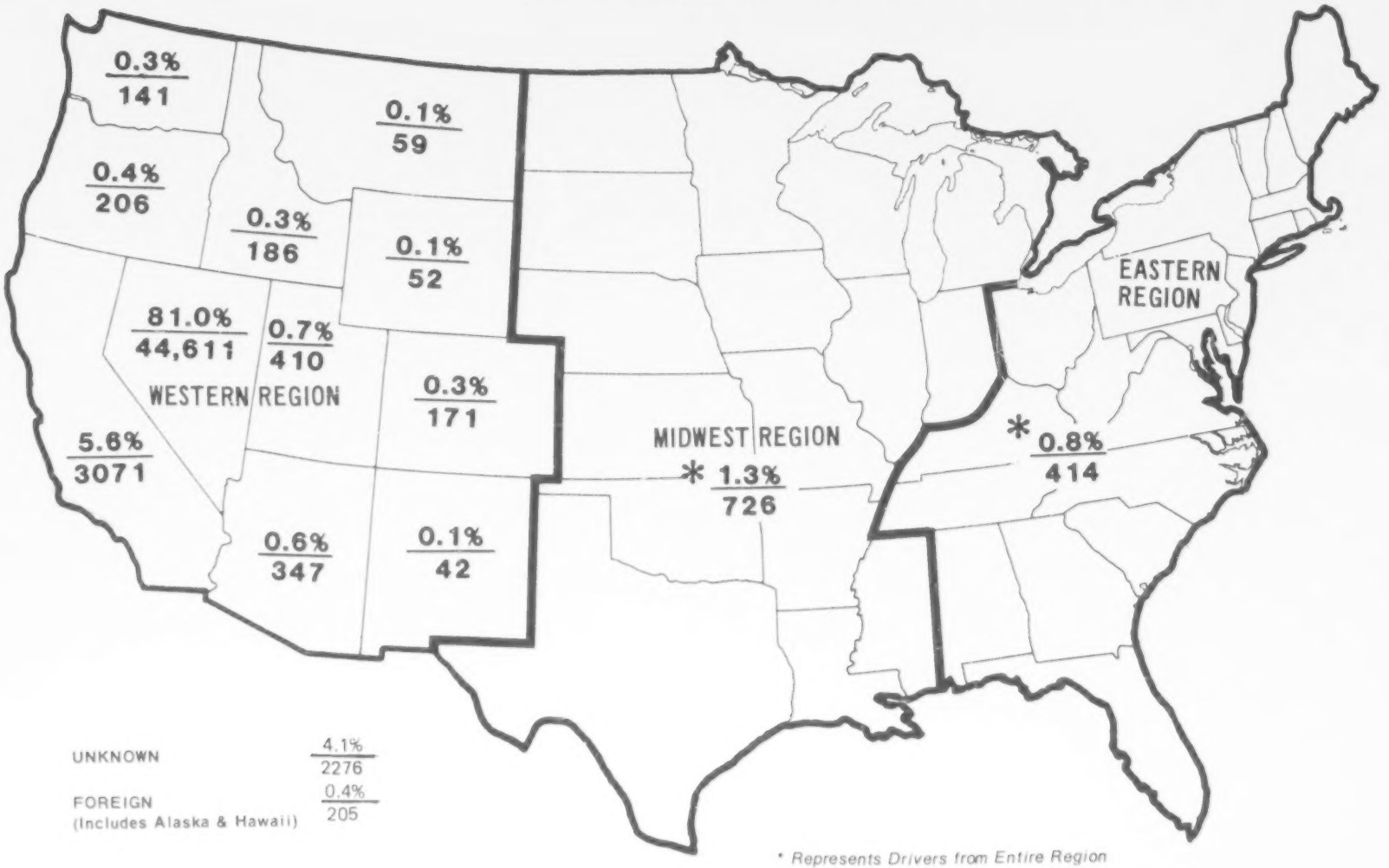
PERCENTAGE OF ACCIDENTS BY LOCALITY



DURING 1986 THE BUSINESS AND RESIDENTIAL AREAS PRODUCED 84.0% OF THE TOTAL ACCIDENTS

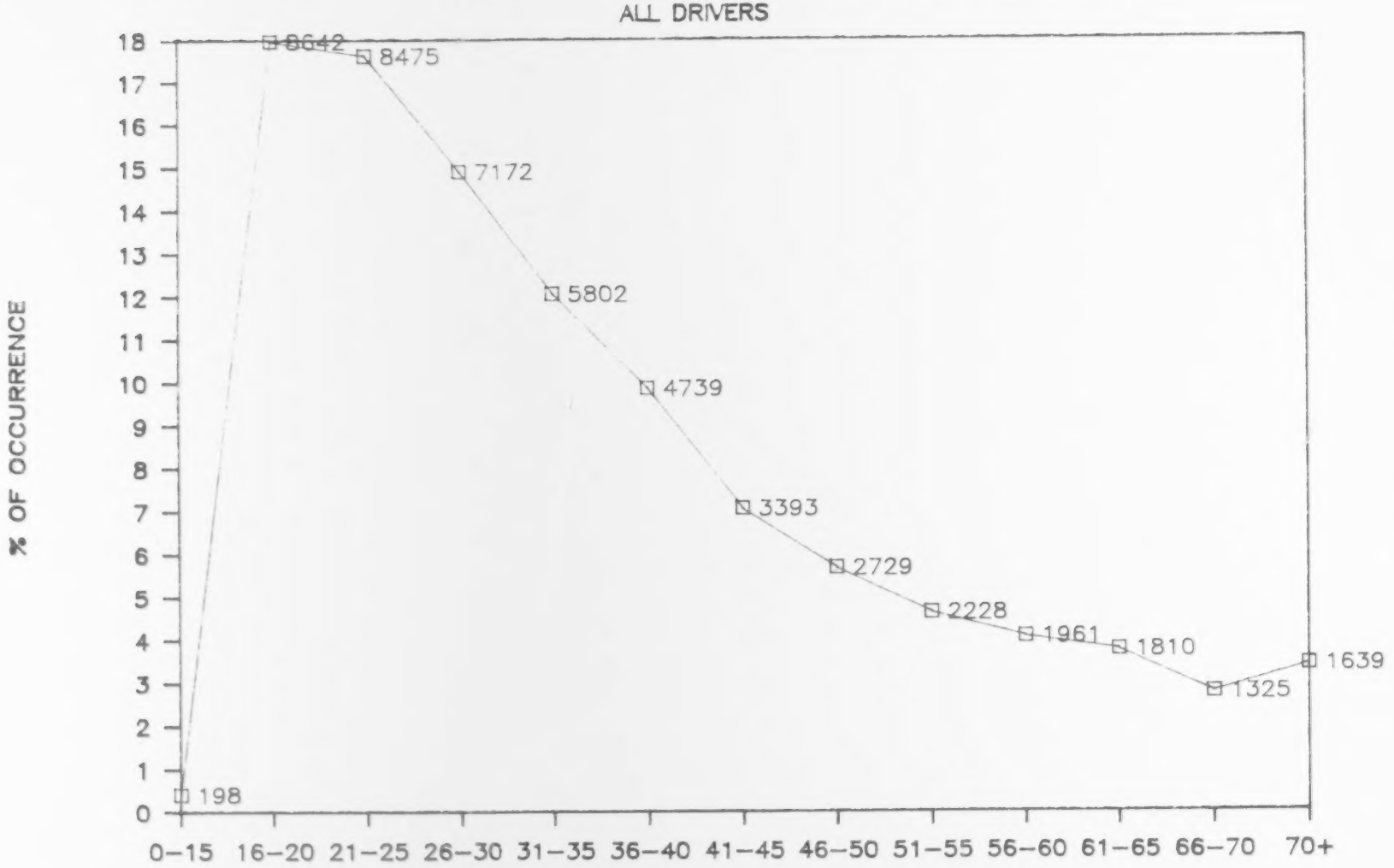
DRIVER RESIDENCY MAP

DURING 1986 THERE WERE 55,095 DRIVERS INVOLVED ON 31,576 TRAFFIC ACCIDENTS IN NEVADA. 81.0% OF THE DRIVERS WERE NEVADA RESIDENTS.



1986 STATEWIDE TRAFFIC ACCIDENTS

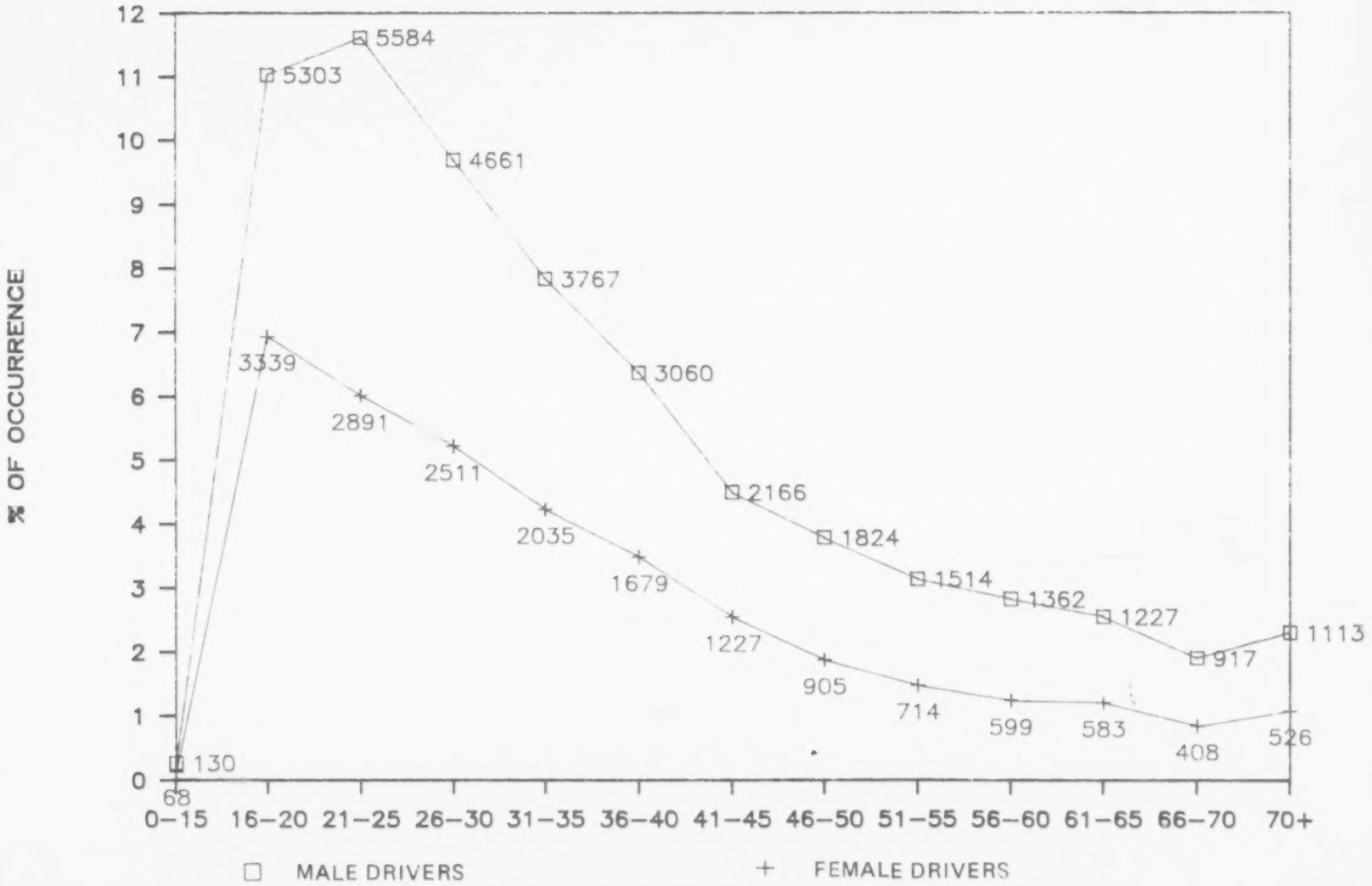
AGE OF DRIVERS INVOLVED IN ACCIDENTS



PERCENTAGES BASED UPON 50,818 DRIVERS WITH KNOWN SEX AND AGE.

1986 STATEWIDE TRAFFIC ACCIDENTS

PERCENTAGE OF DRIVERS BY AGE AND SEX

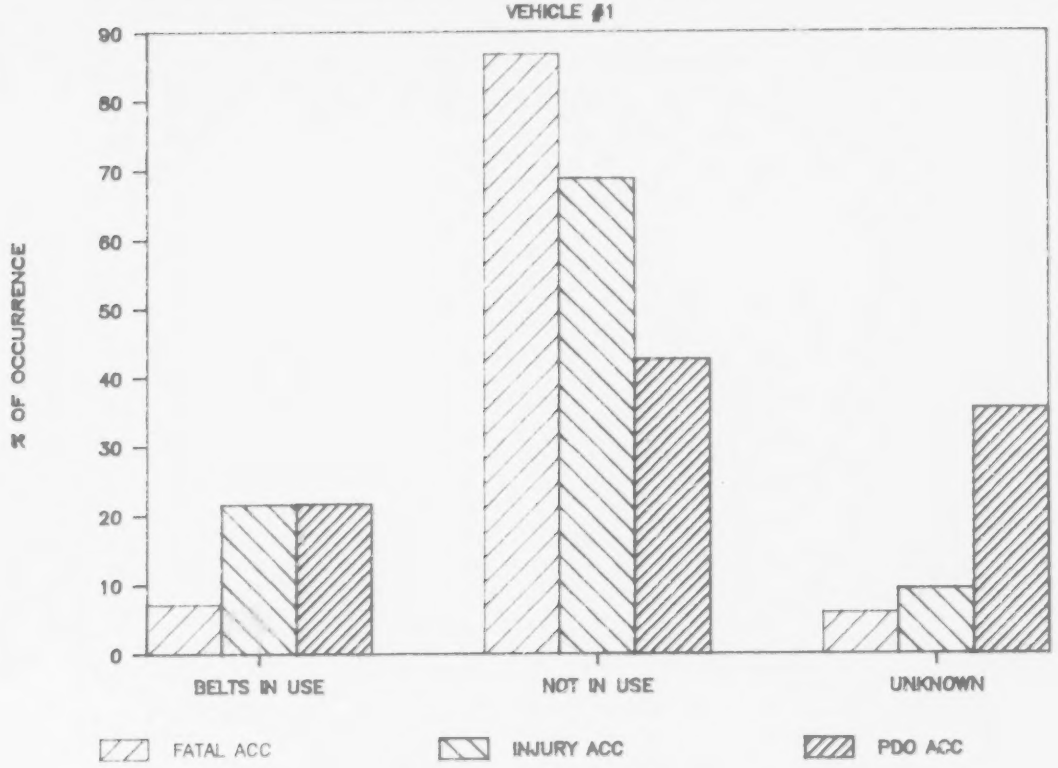


THE AGE GROUP 21-25 REPRESENTS THE HIGHEST NUMBER OF ACCIDENTS FOR MALE DRIVERS, WHILE THE AGE GRO[illegible]20 REPRESENTS THE HIGHEST NUMBER OF ACCIDENTS FOR FEMALE DRIVERS.

[illegible]s do not reflect percentages of licenced drivers or vehicle miles by Sex or Age Groups)

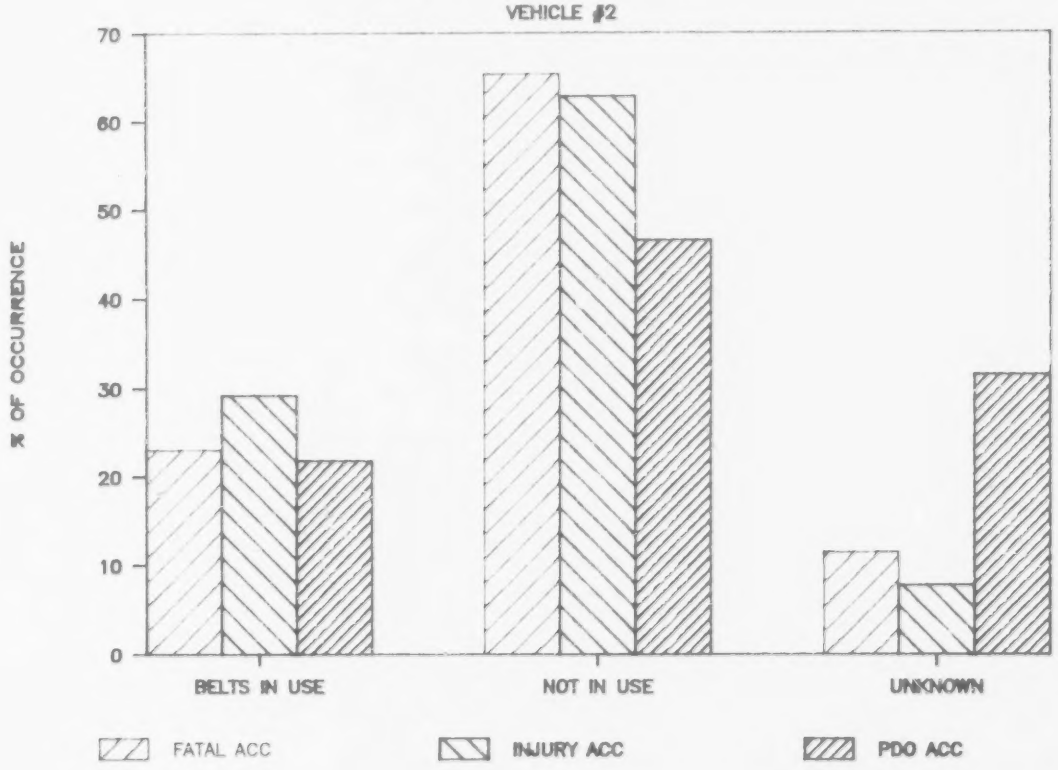
SEAT BELT USAGE

VEHICLE #1



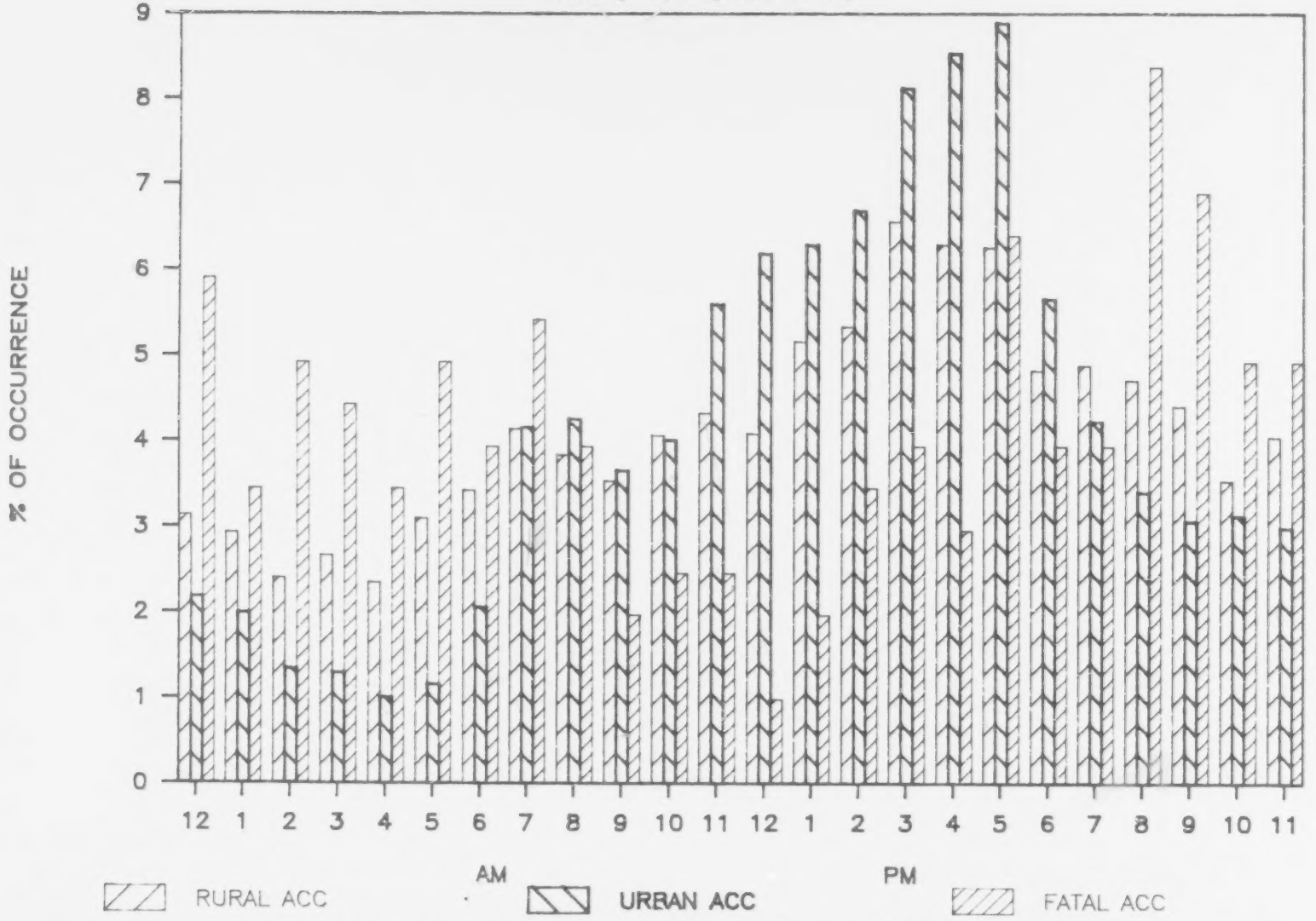
SEAT BELT USAGE

VEHICLE #2



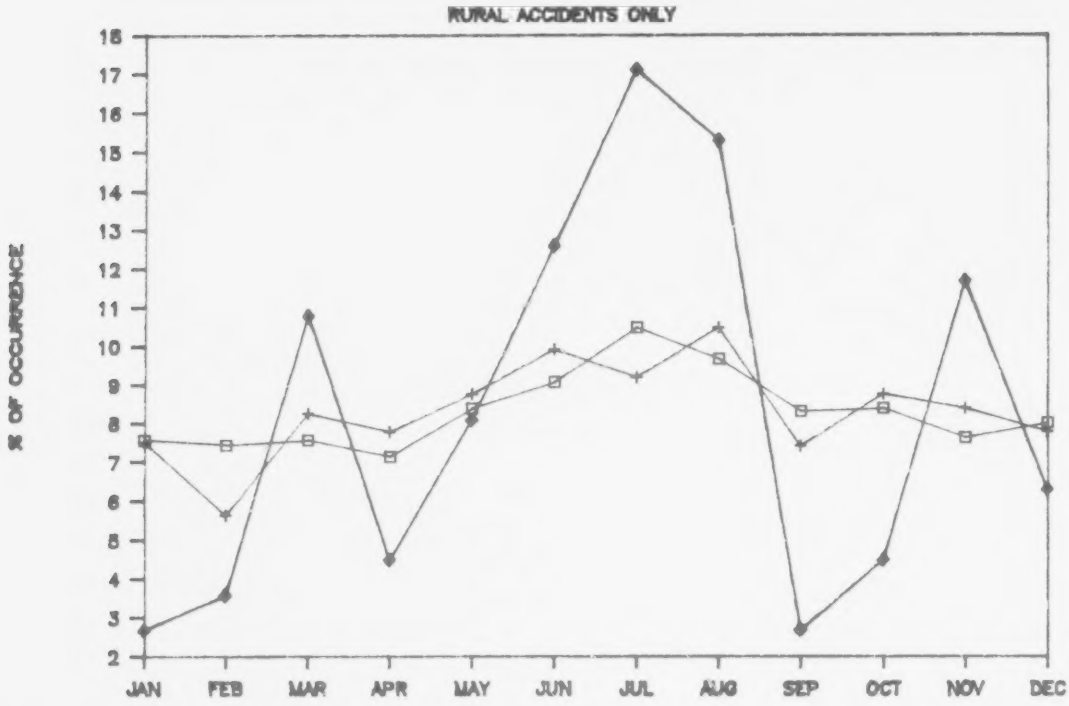
ACCIDENTS BY TIME OF DAY

URBAN, RURAL, AND FATAL



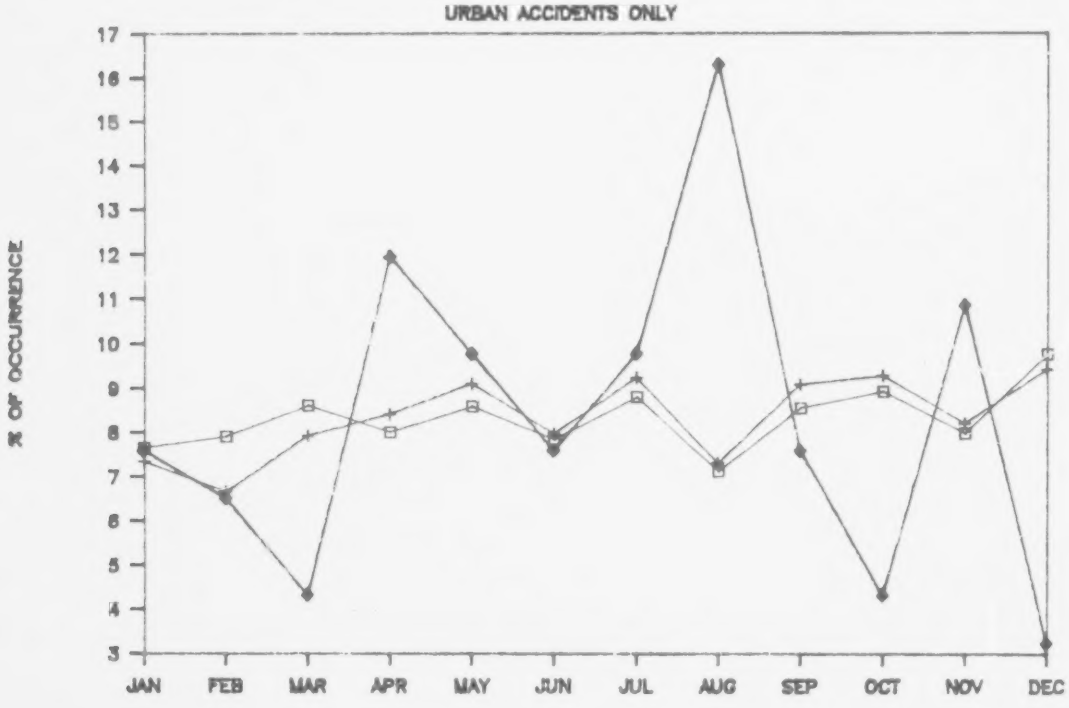
URBAN AND RURAL ACCIDENTS OCCURRED MOST FREQUENTLY BETWEEN THE HOURS OF 2PM and 6PM
FATAL ACCIDENTS WERE WIDESPREAD WITH THE HIGHEST PERCENTAGES OCCURRING FROM 8–9 PM.

RURAL AND URBAN ACCIDENTS BY MONTH



□ 3663 PDO ACC + 1714 INJ ACC ◇ 121 FAT ACC

JULY EXPERIENCED THE HIGHEST PERCENTAGE OF PROPERTY DAMAGE ACCIDENTS AND FATAL ACCIDENTS, WHILE AUGUST HAD THE HIGHEST TOTAL OF INJURY ACCIDENTS.



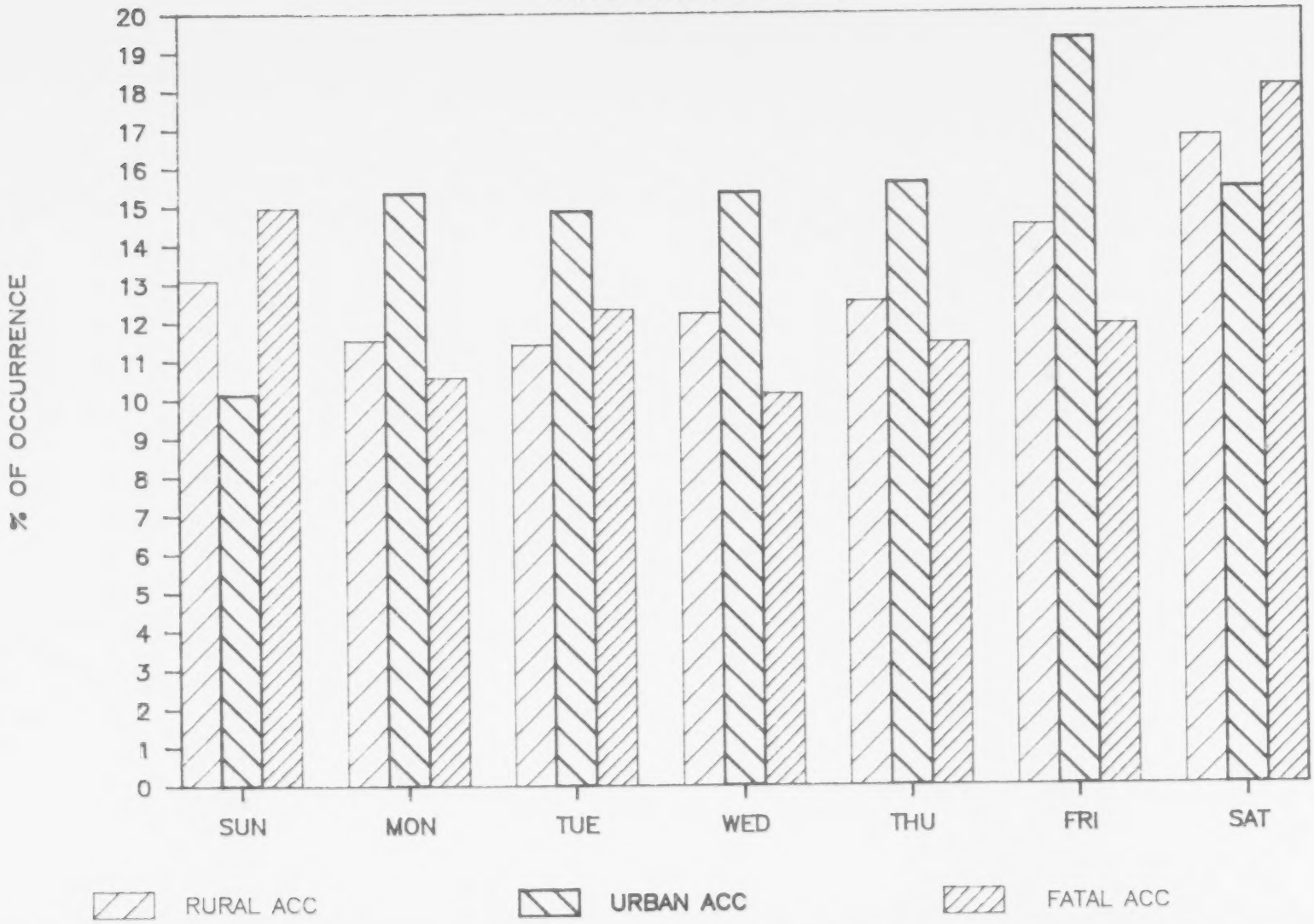
□ 17869 PDO ACC + 8220 INJ ACC ◇ 92 FAT ACC

DECEMBER EXPERIENCED THE HIGHEST TOTAL OF PROPERTY DAMAGE ACCIDENTS AND THE HIGHEST TOTAL FOR INJURY ACCIDENTS, WHILE AUGUST HAD THE HIGHEST TOTAL FOR FATAL ACCIDENTS.

1986 STATEWIDE TRAFFIC ACCIDENTS

ACCIDENTS BY DAY OF WEEK

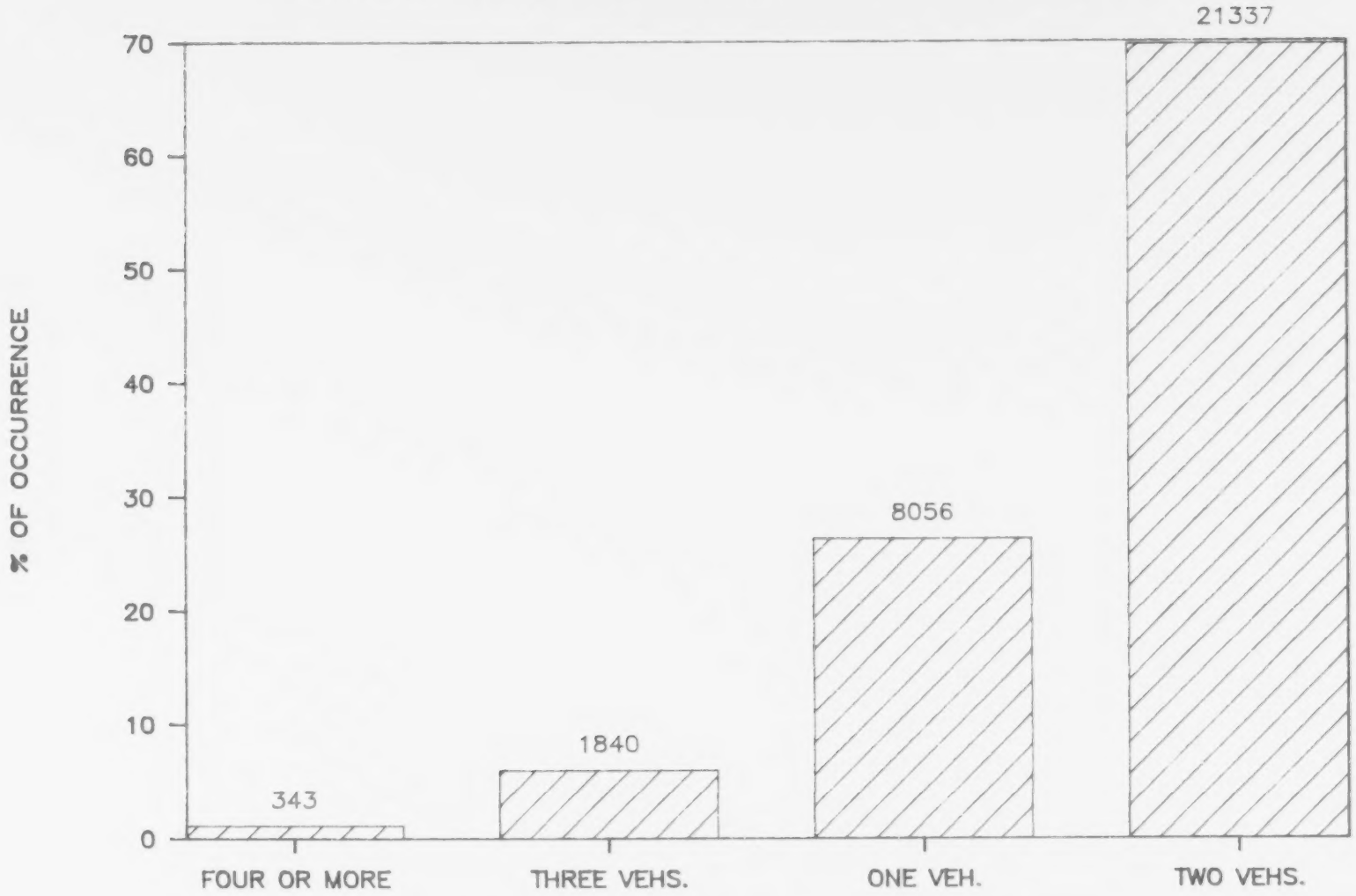
RURAL, URBAN, AND FATAL



SATURDAY HAD THE HIGHEST TOTAL OF RURAL AND FATAL ACCIDENTS WHILE URBAN ACCIDENTS WERE MOST PREVALENT ON FRIDAYS.

1986 STATEWIDE TRAFFIC ACCIDENTS

NUMBER OF VEHICLES PER ACCIDENT



ACCIDENTS INVOLVING TWO OR MORE VEHICLES ACCOUNTED FOR MORE THAN 71% OF THE TOTAL ACCIDENTS DURING 1986.

VEHICLES INVOLVED IN ALL TRAFFIC ACCIDENTS BY TYPE

STANDARD PASSENGER CAR	33,634
PICK–UP	10,290
SMALL PASSENGER CAR	6830
MOTORCYCLE	878
TRACTOR- 1 TRAILER	803
SINGLE UNIT TRUCK	510
COMMERCIAL BUS	220
TAXI	486
PICK- UP TOWING TRAILER	178
MOTOR HOME	170
PASSENGER CAR TOWING TRAILER	50
MOPED	94
SCHOOL BUS	74
TRACTOR- 2 TRAILERS	42
CONSTRUCTION VEHICLE	28
LAW ENFORCEMENT VEHICLE	78
TRACTOR PULLING MOBILE HOME	9
TRACTOR- 3 TRAILERS (Overlength)	8
FARM VEHICLE	10
FIRE VEHICLE	22
AMBULANCE	4
OTHER- UNKNOWN	674
TOTALS	55,095

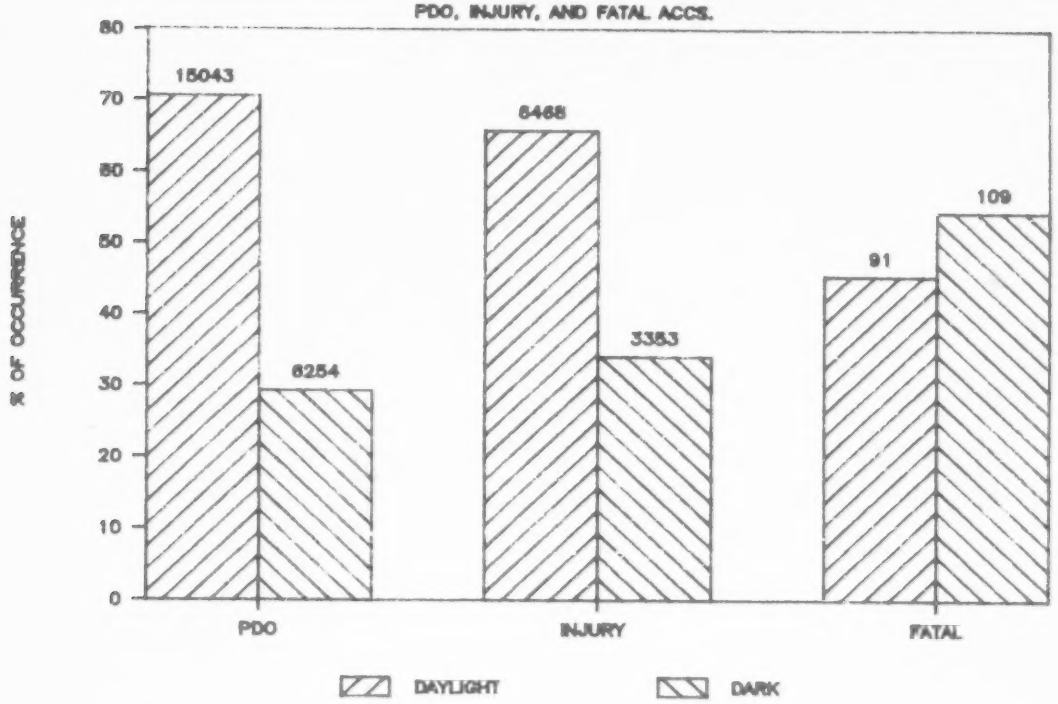
VEHICLES INVOLVED IN ALL FATAL TRAFFIC ACCIDENTS BY TYPE

STANDARD PASSENGER CAR	125
PICK- UP	58
SMALL PASSENGER CAR	32
MOTORCYCLE	20
TRACTOR 1 TRAILER	11
SINGLE UNIT TRUCK	5
MOTOR HOME	1
PICK-UP WITH TRAILER	3
CONSTRUCTION VEHICLE	1
OVERLENGTH TRUCK	1
UNKNOWN	3
TOTALS	260

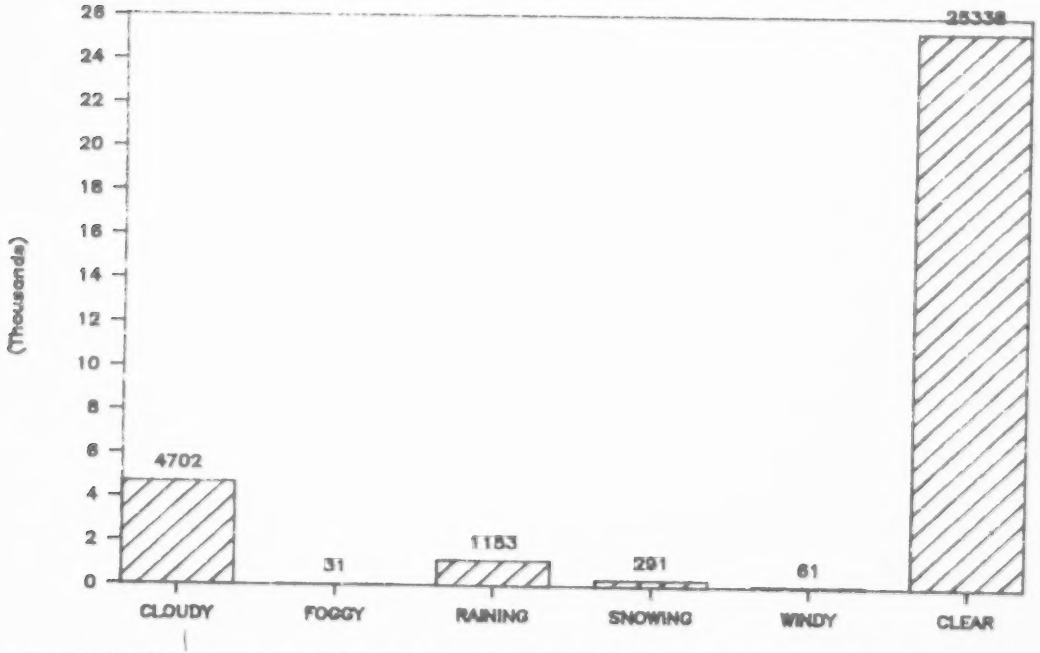
1986 STATEWIDE TRAFFIC ACCIDENTS

LIGHT CONDITION

PDO, INJURY, AND FATAL ACCS.



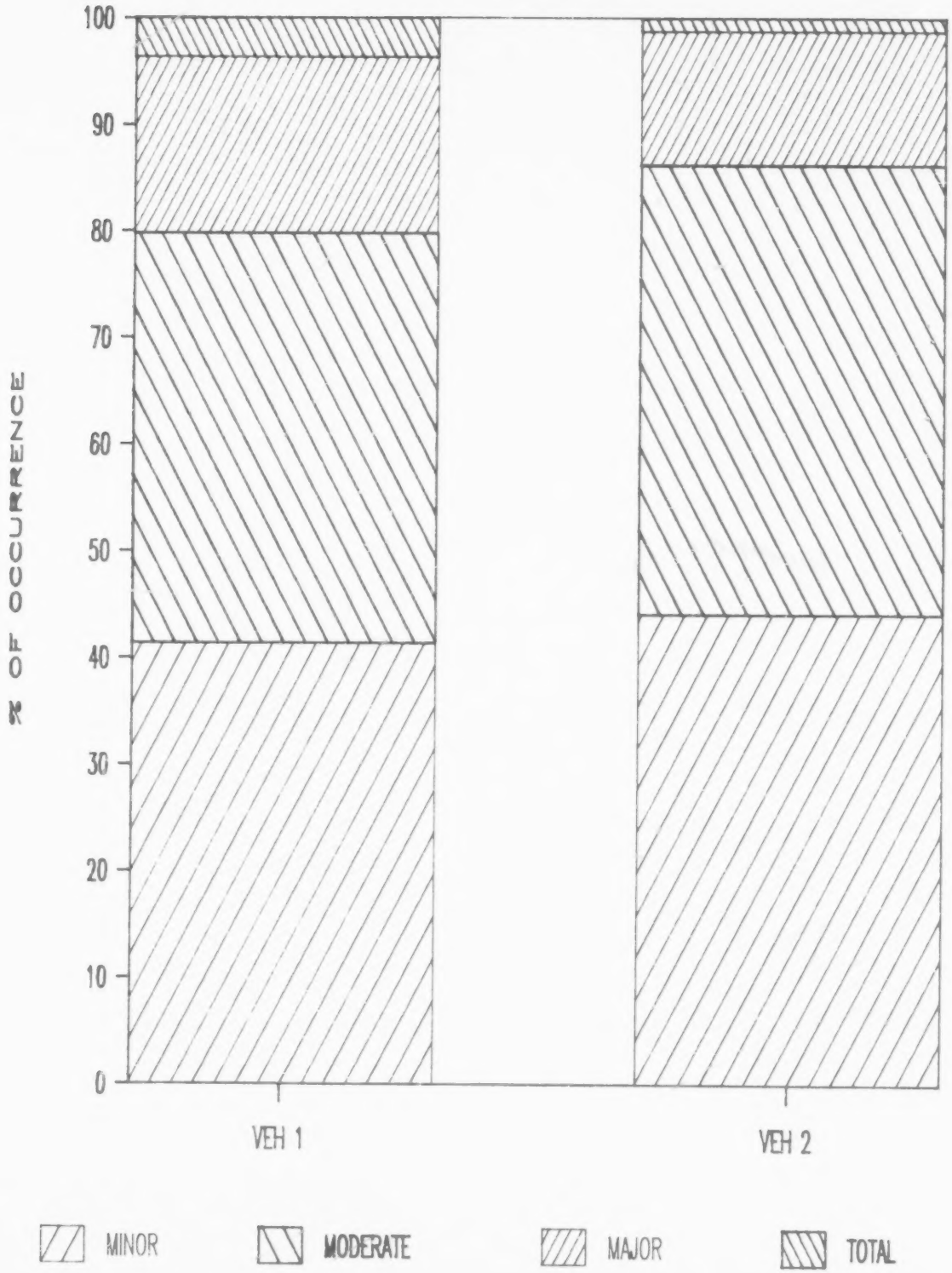
ACCIDENT FREQUENCY BY WEATHER CONDITION



CLEAR WEATHER CONDITIONS PREVAILED IN 80% OF THE ACCIDENTS IN NEVADA DURING 1986 INDICATING THAT BAD WEATHER CONDITIONS CANNOT BE CONSIDERED AS A MAJOR FACTOR IN TRAFFIC ACCIDENTS IN THE STATE

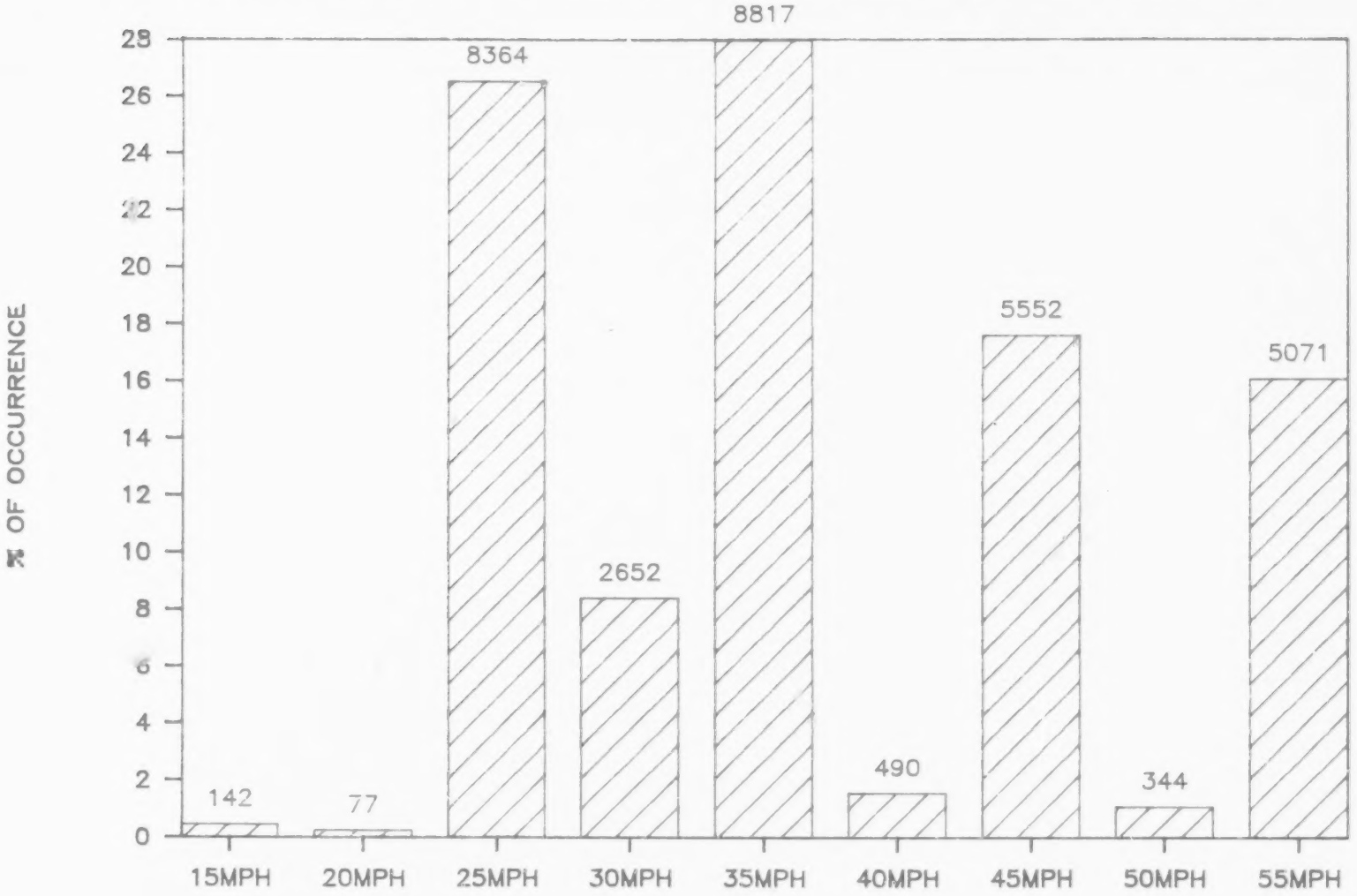
1986 STATEWIDE TRAFFIC ACCIDENTS

VEHICULAR DAMAGE



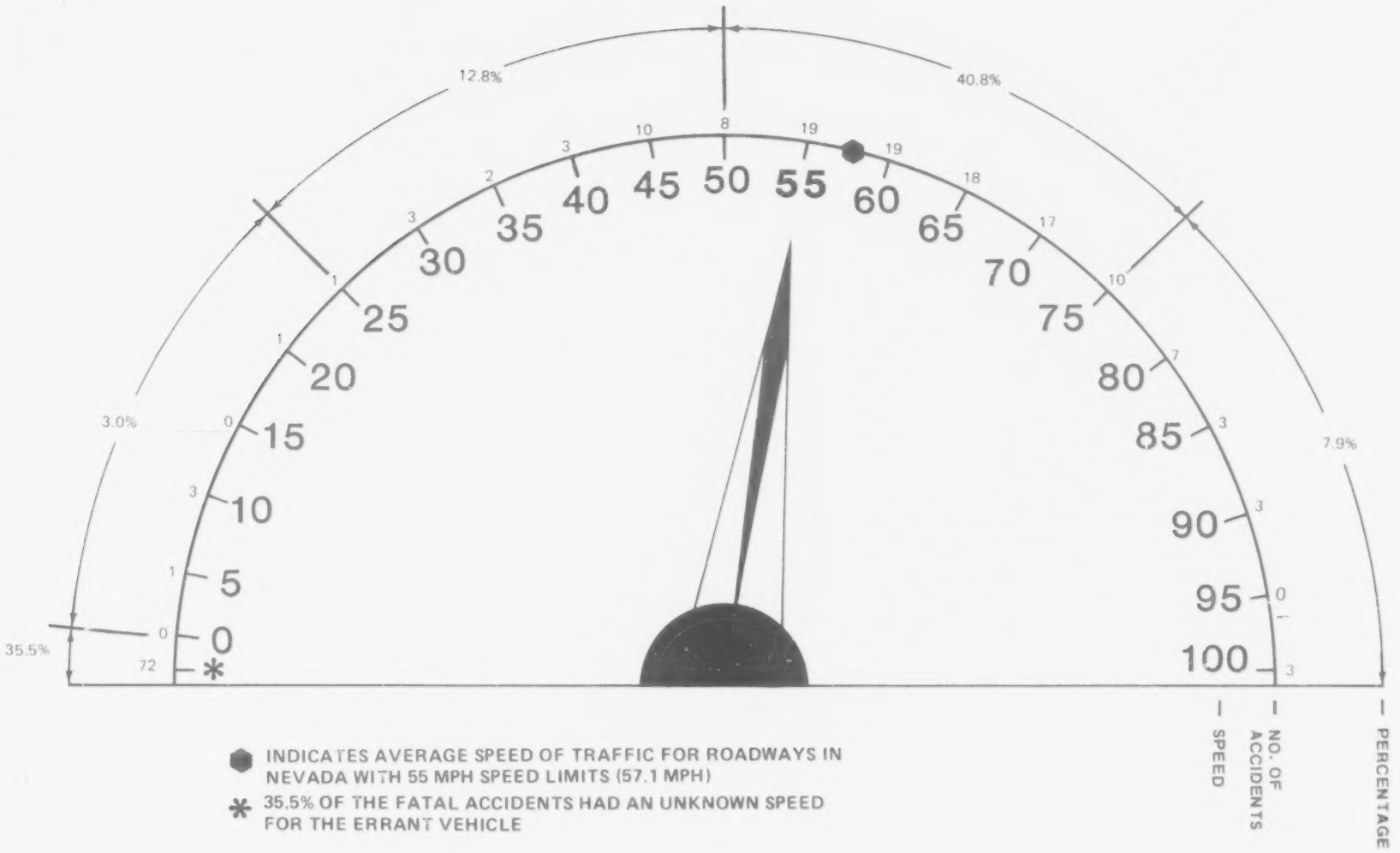
1986 STATEWIDE TRAFFIC ACCIDENTS

POSTED SPEED LIMIT AT ACCIDENT LOCATION



SPEED OF THE ERRANT DRIVER IN FATAL TRAFFIC ACCIDENTS
203 FATAL ACCIDENTS

39.4% OF FATAL ACCIDENTS OCCURED AT A SPEED GREATER THAN 55MPH



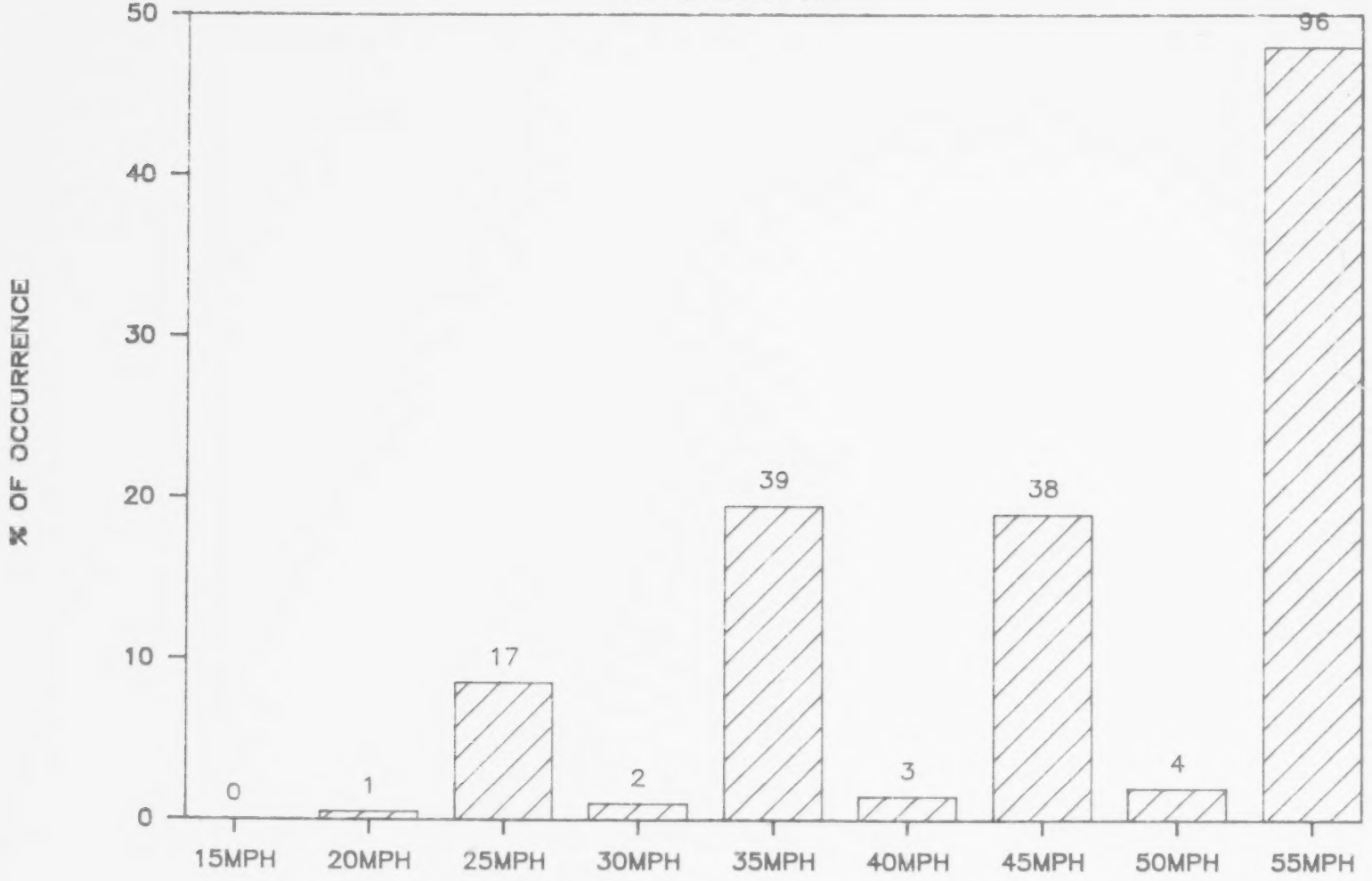
⬢ INDICATES AVERAGE SPEED OF TRAFFIC FOR ROADWAYS IN NEVADA WITH 55 MPH SPEED LIMITS (57.1 MPH)

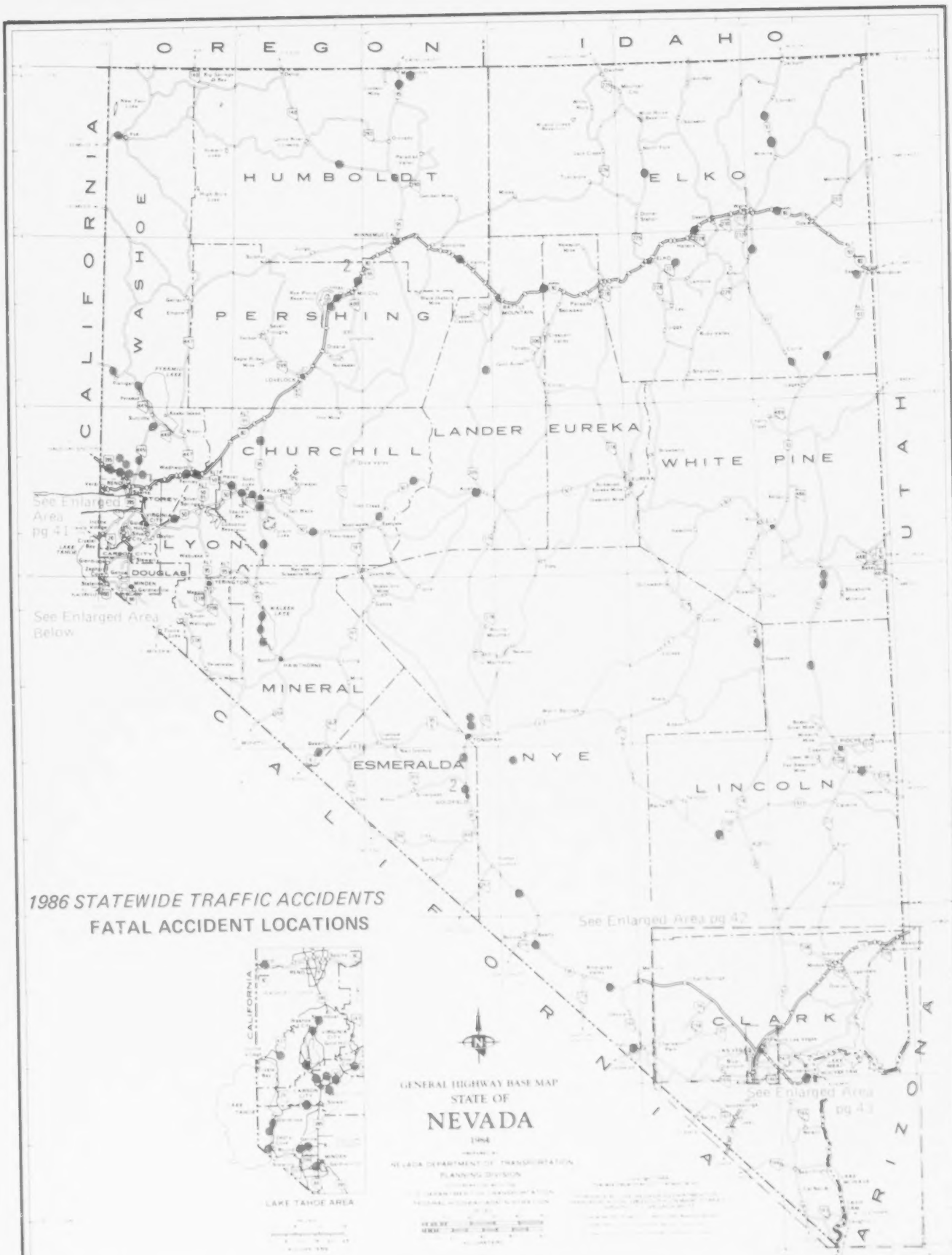
* 35.5% OF THE FATAL ACCIDENTS HAD AN UNKNOWN SPEED FOR THE ERRANT VEHICLE

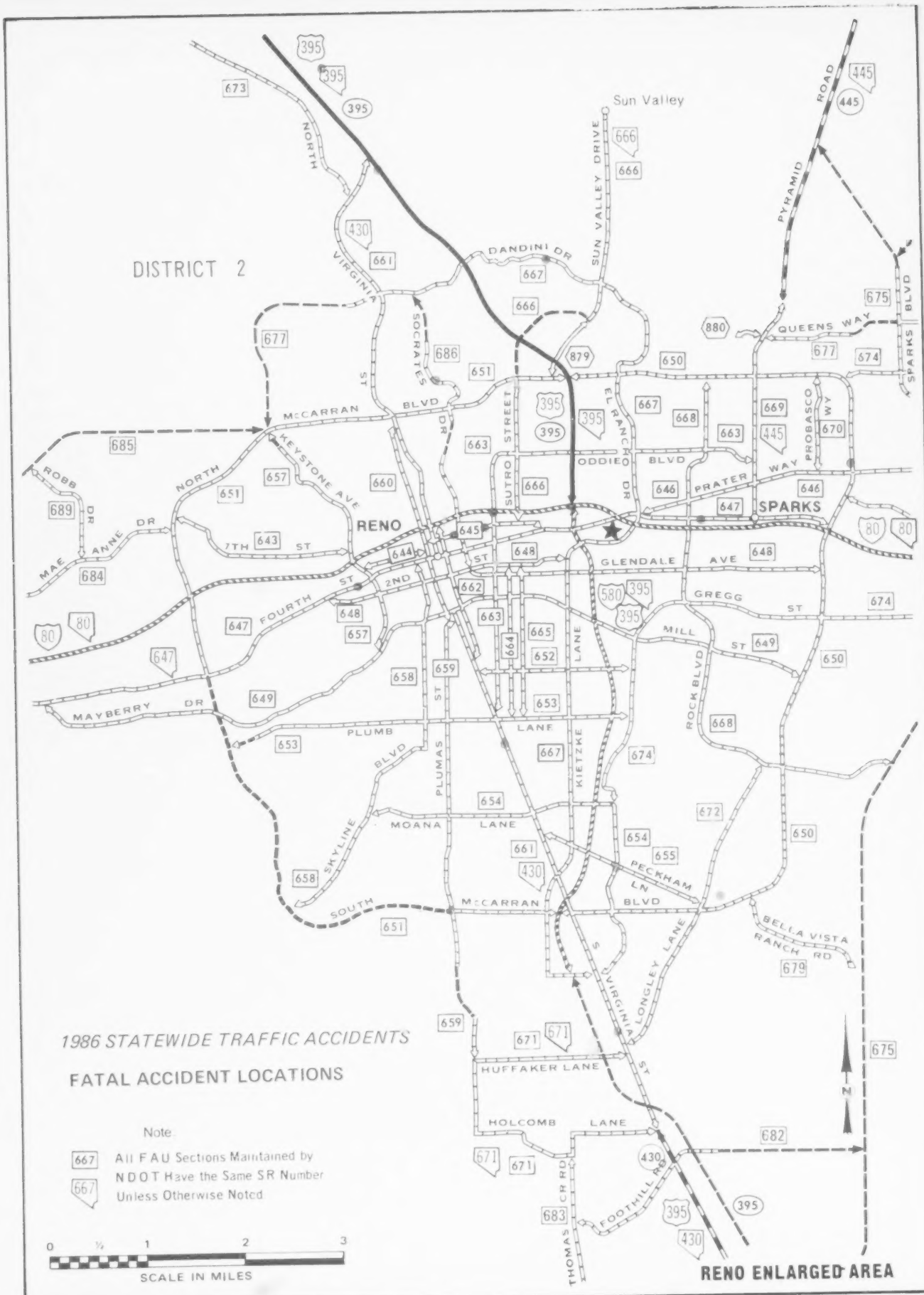
1986 STATEWIDE TRAFFIC ACCIDENTS

POSTED SPEED LIMIT AT ACCIDENT LOCATION

FATAL ACCIDENTS



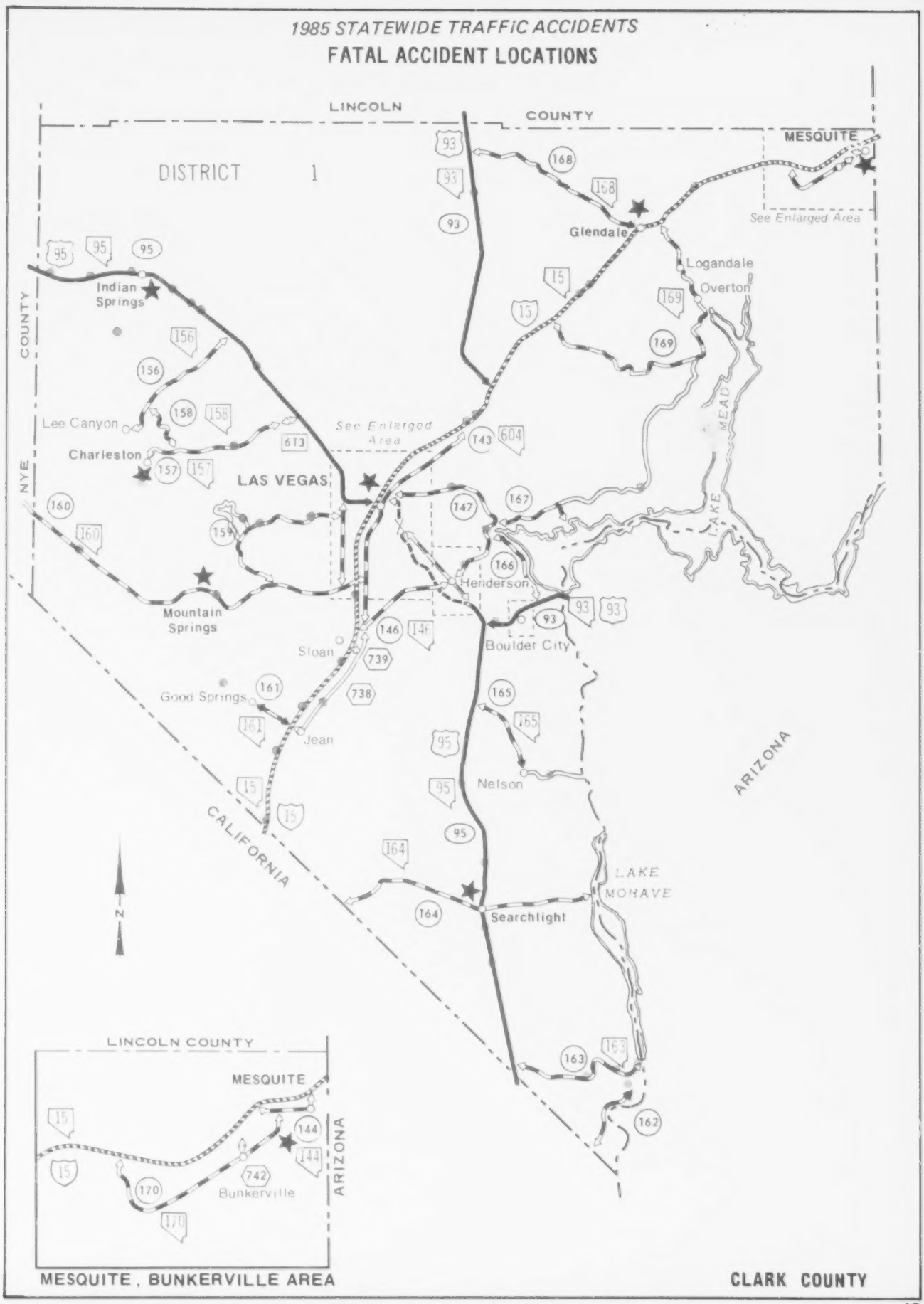

OREGON
IDAHO
CALIFORNIA
HUMBOLDT
ELKO
WASHOE
PERSHING
CHURCHILL
LANDER
EUREKA
WHITE PINE
UTAH
See Enlarged Area pg 41
LYON
DOUGLAS
See Enlarged Area Below
MINERAL
ESMERALDA
NYE
LINCOLN
See Enlarged Area pg 42
CLARK
See Enlarged Area pg 43
ARIZONA
1986 STATEWIDE TRAFFIC ACCIDENTS
FATAL ACCIDENT LOCATIONS
CALIFORNIA
LAKE TAHOE AREA
N
GENERAL HIGHWAY BASE MAP
STATE OF
NEVADA
1984
NEVADA DEPARTMENT OF TRANSPORTATION
PLANNING DIVISION


DISTRICT 2
Sun Valley
RENO
SPARKS
NORTH VIRGINIA
SUN VALLEY DRIVE
PYRAMID ROAD
DANDINI DR
SOCRATES DR
McCARRAN BLVD
KEYSTONE AVE
ROBB DR
MAE ANNE DR
7TH ST
2ND ST
FOURTH ST
MAYBERRY DR
SUTRO STREET
EL RANCHO DR
ODDIE BLVD
QUEENS WAY
SPARKS BLVD
PROBASCO WAY
PRATER WAY
GLENDALE AVE
GREGG ST
MILL ST
ROCK BLVD
PLUMB LANE
PLUMAS ST
KIETZKE LANE
SKYLINE BLVD
MOANA LANE
PECKHAM LN
SOUTH McCARRAN BLVD
S. VIRGINIA
LONGLEY LANE
BELLA VISTA RANCH RD
HUFFAKER LANE
HOLCOMB LANE
THOMAS CR RD
FOOTHILL RD
1986 STATEWIDE TRAFFIC ACCIDENTS
FATAL ACCIDENT LOCATIONS
Note
All F A U Sections Maintained by N D O T Have the Same SR Number Unless Otherwise Noted
0 ½ 1 2 3
SCALE IN MILES
RENO ENLARGED AREA
N

1986 STATEWIDE TRAFFIC ACCIDENTS
FATAL ACCIDENT LOCATIONS
NORTH LAS VEGAS
LAS VEGAS
See Enlarged Area
DISTRICT 1
LAS VEGAS ENLARGED AREA
CRAIG ROAD
CHEYENNE AVENUE
CAREY AVENUE
OWENS AVE
LAKE MEAD BLVD
CHARLESTON BLVD
SAHARA AVENUE
SPRING MOUNTAIN RD
DESERT INN RD
FLAMINGO ROAD
TROPICANA AVENUE
RUSSELL ROAD
SUNSET ROAD
WARM SPRINGS RD
LAKE MEAD DRIVE
BLUE DIAMOND ROAD
RAINBOW BLVD
DECATUR BLVD
JONES BLVD
RANCHO ROAD
LAMB BLVD
NELLIS BLVD
BOULDER HIGHWAY
SOUTH THE STRIP
LAS VEGAS BLVD
EASTERN AVE
MARYLAND PKWY
PECOS RD
GREEN VALLEY PKWY
KOVAL LN
CAMERON ST
WINNICK AVE
GRAND CANYON
GRAGSON HIGHWAY
N

1985 STATEWIDE TRAFFIC ACCIDENTS

FATAL ACCIDENT LOCATIONS



S5140-1-U

Nevada Traffic Accidents

1987

PREPARED BY

NEVADA DEPARTMENT OF TRANSPORTATION
SAFETY ENGINEERING DIVISION

IN COOPERATION WITH

NEVADA DEPARTMENT OF MOTOR VEHICLES,
AND THE FEDERAL HIGHWAY ADMINISTRATION

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INTRODUCTION

This publication presents a statistical history of all motor vehicle traffic accidents which occurred in Nevada during the calendar year 1987. Data contained within supplies the Nevada Department of Transportation, other responsible groups, agencies and individuals with statistical data which can be used to find ways to reduce the number and severity of traffic accidents in Nevada. Included are graphs and tables to depict the numerous relationships involved in traffic accidents.

During the calendar year 1987 there were 33,236 traffic accidents. 22,488 were property damage only, 10,509 were injury accidents, and 239 accidents resulted in 16,120 injuries and 262 fatalities.

The 1987 accident totals represents a 4.5% increase in property damage accidents, a 6.7% increase in injury accidents; and a 7.0% increase in the number of injuries and a 12.5% increase in the number of fatalities over the 1986 totals.

The annual vehicle miles for 1987 were 8.55 billion compared with 8.07 billion in 1986, a 6.0% increase. The total economic loss resulting from these traffic accidents is $569,358,800 based upon Nevada estimates for accident costs.

The overall accident rate for 1987 showed a 0.66% decrease over the rate for 1986. The accident rates per 100 million vehicle miles for property damage, injury and fatal accidents in 1987 were 263.17 (−1.4%), 122.98 (+0.71%) and 2.80 (+11.1%) respectively as compared with corresponding 1986 rates of 266.89. 122.11 and 2.52.

1987 STATEWIDE TRAFFIC ACCIDENTS

ACCIDENT RATES AND ANNUAL VEHICLE MILES

TABLE A

ACCIDENT RATES PER 100 MILLION VEHICLE MILES FOR FATAL, INJURY AND TOTAL ACCIDENTS IN NEVADA

YEAR	FATAL		INJURY		TOTAL		"TRAVEL" TOTAL ANNUAL VEHICLE MILES (MILLIONS)
	ACCIDENTS	RATE	ACCIDENTS	RATE	ACCIDENTS	RATE	
1978	271	4.71	8,885	154.52	31,582	549.25	5,750
1979	302	5.12	9,463	160.55	32,472	550.93	5,984
1980	302	4.96	8,696	142.95	33,984	558.65	6,083
1981	258	3.99	8,327	129.03	33,682	521.93	6,453
1982	248	3.81	7,540	115.79	31,197	479.10	6,512
1983	219	3.29	7,911	118.98	31,213	469.46	6,648
1984	215	2.94	8,127	111.32	31,438	432.63	7,300
1985	227	2.94	8,845	114.75	30,581	396.74	7,708
1986	203	2.52	9,848	122.11	31,576	391.52	8,065
1987	239	2.80	10,509	122.98	33,236	388.95	8,545

TABLE B

COMPARISON OF NEVADA AND NATIONAL ACCIDENT RATES FOR FATAL AND INJURY ACCIDENTS

YEAR	FATAL ACCIDENTS		INJURY ACCIDENTS	
	NEVADA	NATIONAL	NEVADA	NATIONAL
1978	4.71	2.92	154.52	138.32
1979	5.12	2.97	160.55	137.46
1980	4.96	3.38	142.95	132.82
1981	3.99	2.84	129.03	130.12
1982	3.81	2.45	115.79	123.62
1983	3.29	2.30	118.98	121.61
1984	2.94	2.31	111.32	124.48
1985	2.94	2.21	114.75	125.00
1986	2.52	2.23	122.11	122.60
1987	2.80	2.17 est	122.98	120.44 est

DURING 1987, THE NEVADA TOTAL ACCIDENT RATES SHOWED A DECREASE WHEN COMPARED WITH THE 1986 TOTALS.

**NOTE: TRAFFIC ACCIDENTS OCCURRING ON PRIVATE PROPERTY ARE NOT INCLUDED*

1987 STATEWIDE TRAFFIC ACCIDENTS

NUMBER OF TRAFFIC ACCIDENTS
ANNUAL VEHICLE MILES
AND ACCIDENT RATES BY COUNTY

COUNTY	TOTAL TRAFFIC ACCIDENTS	% OF TOTAL ACCIDENTS	TOTAL AVM	% OF TOTAL AVM	ACCIDENT RATE PER 10^8 AVM
ESMERALDA	78	0.23	64,000,000	0.75	121.88
STOREY	120	0.36	13,000,000	0.15	923.08
EUREKA	97	0.29	65,000,000	0.76	149.23
LINCOLN	118	0.36	60,000,000	0.70	196.67
LANDER	162	0.49	81,000,000	0.95	200.00
PERSHING	184	0.55	168,000,000	1.97	109.52
MINERAL	188	0.57	95,000,000	1.11	197.89
LYON	246	0.74	194,000,000	2.27	126.80
WHITE PINE	339	1.02	107,000,000	1.25	316.82
HUMBOLDT	380	1.14	196,000,000	2.29	193.88
NYE	339	1.02	184,000,000	2.15	184.24
CHURCHILL	570	1.72	226,000,000	2.65	252.21
ELKO	613	1.84	395,000,000	4.62	155.19
DOUGLAS	843	2.54	300,000,000	3.51	281.00
CARSON CITY	1150	3.46	221,000,000	2.59	520.36
WASHOE	7875	23.69	2,048,000,000	23.97	384.52
CLARK	19,934	59.98	4,128,000,000	48.31	482.90
TOTAL	33,236	100.00	8,545,000,000	100.00	388.95

CLARK COUNTY HAS THE LARGEST POPULATION, THE MOST VEHICLE MILES AND THE LARGEST NUMBER OF TRAFFIC ACCIDENTS, STOREY COUNTY HAS THE HIGHEST TRAFFIC ACCIDENT RATE PER 100 MILLION VEHICLE MILES. PERSHING COUNTY HAS THE LOWEST RATE PER 100 MILLION VEHICLE MILES.

1987 STATEWIDE TRAFFIC ACCIDENTS

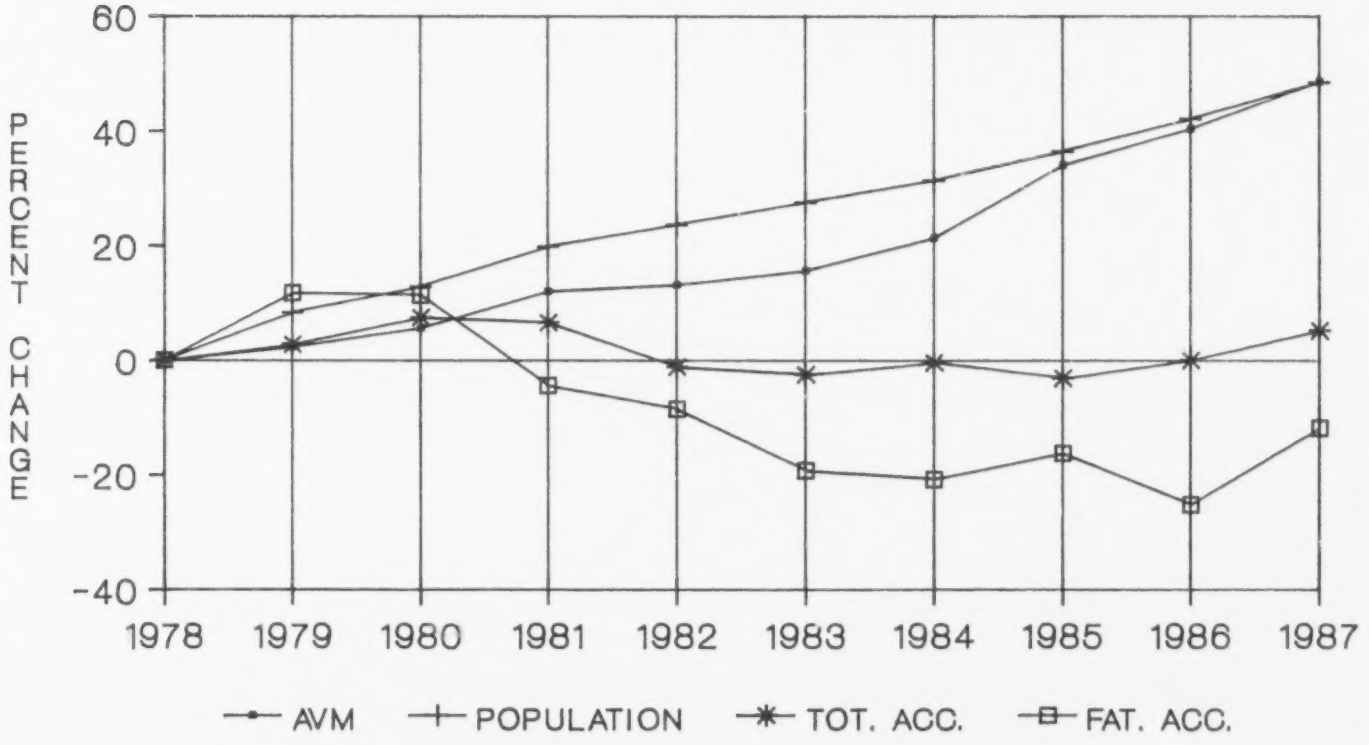
NUMBER OF TRAFFIC ACCIDENTS, ANNUAL VEHCLE MILES AND ACCIDENT RATES BY HIGHWAY SYSTEM

HIGHWAY SYSTEM	TOTAL ACCIDENTS	% OF TOTAL ACCIDENTS	*TOTAL AVM MILLIONS	% OF TOTAL AVM	ACCIDENT RATE PER 10^8 AVM
INTERSTATE RURAL	1165	3.5	1,275,000,000	14.9	91.37
INTERSTATE URBAN	2378	7.2	735,000,000	8.6	323.54
FEDERAL AID PRIMARY RURAL	1952	5.9	1,134,000,000	13.3	172.13
FEDERAL AID PRIMARY URBAN	1448	4.4	509,000,000	6.0	284.48
FEDERAL AID SEC. RURAL	1505	4.5	641,000,000	7.5	234.79
FEDERAL AID URBAN	16,028	48.2	2,530,000,000	29.6	633.52
NON FEDERAL AID RUR. LOC.	1099	3.3	659,000,000	7.7	166.77
NON FEDERAL AID UR. LOC.	7014	21.1	918,000,000	10.7	764.05
FEDERAL AID UR. COLL.	647	1.9	144,000,000	1.7	449.31
TOTALS	33,236	100.0	8,545,000,000	100.0%	388.95

*ROUNDED TO MILLIONS

FA URBAN ROADS EXPERIENCED THE LARGEST NUMBER OF ACCIDENTS AND THE HIGHEST NUMBER OF VEHICLE MILES. NON FEDERAL AID URBAN LOCALS EXPERIENCED THE HIGHEST ACCIDENT RATE PER 100 MILLION VEHICLE MILES. INTERSTATE RURAL EXPERIENCED THE LOWEST ACCIDENT RATE PER 100 MILLION MILES.

1987 STATEWIDE TRAFFIC ACCIDENTS
COMPARISONS OF ANNUAL VEH. MILES, TOTAL ACCIDENTS, FATAL ACCIDENTS & POPULATION

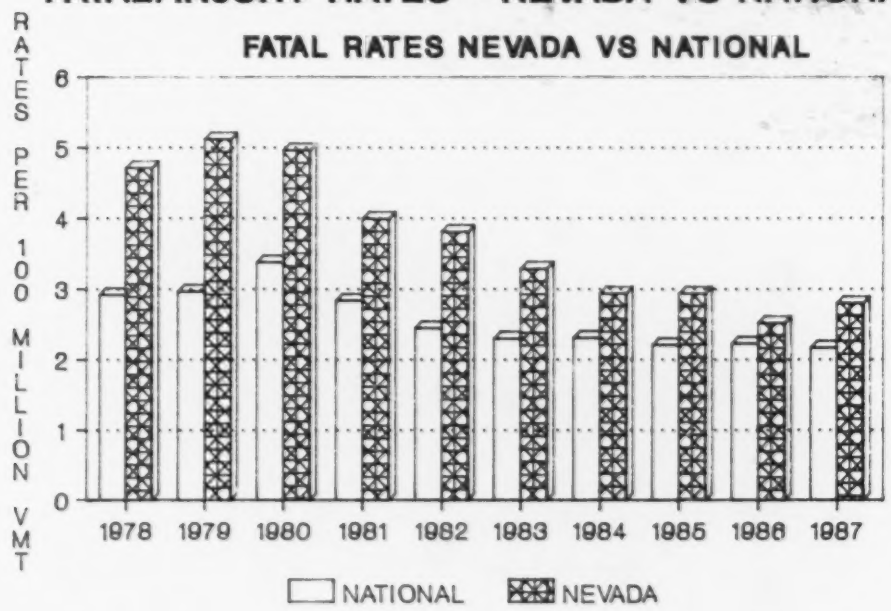


1978 BASE YEAR STATS
POP. 709,200 TOT. FATAL ACCIDENTS 271
TOT. ACCIDENTS 31,582 AVM 5.75 BILLION

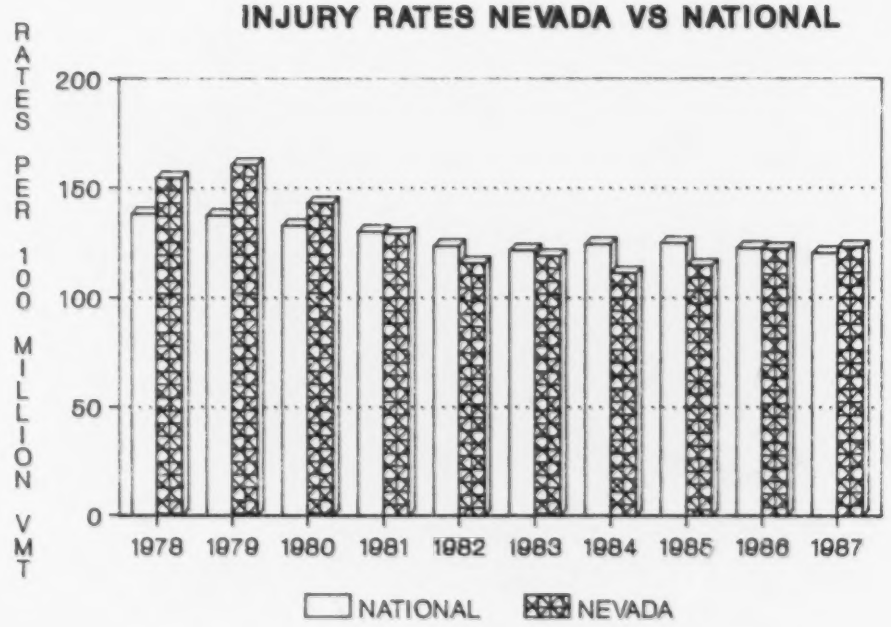
1987 STATEWIDE TRAFFIC ACCIDENTS

FATAL/INJURY RATES - NEVADA VS NATIONAL

FATAL RATES NEVADA VS NATIONAL

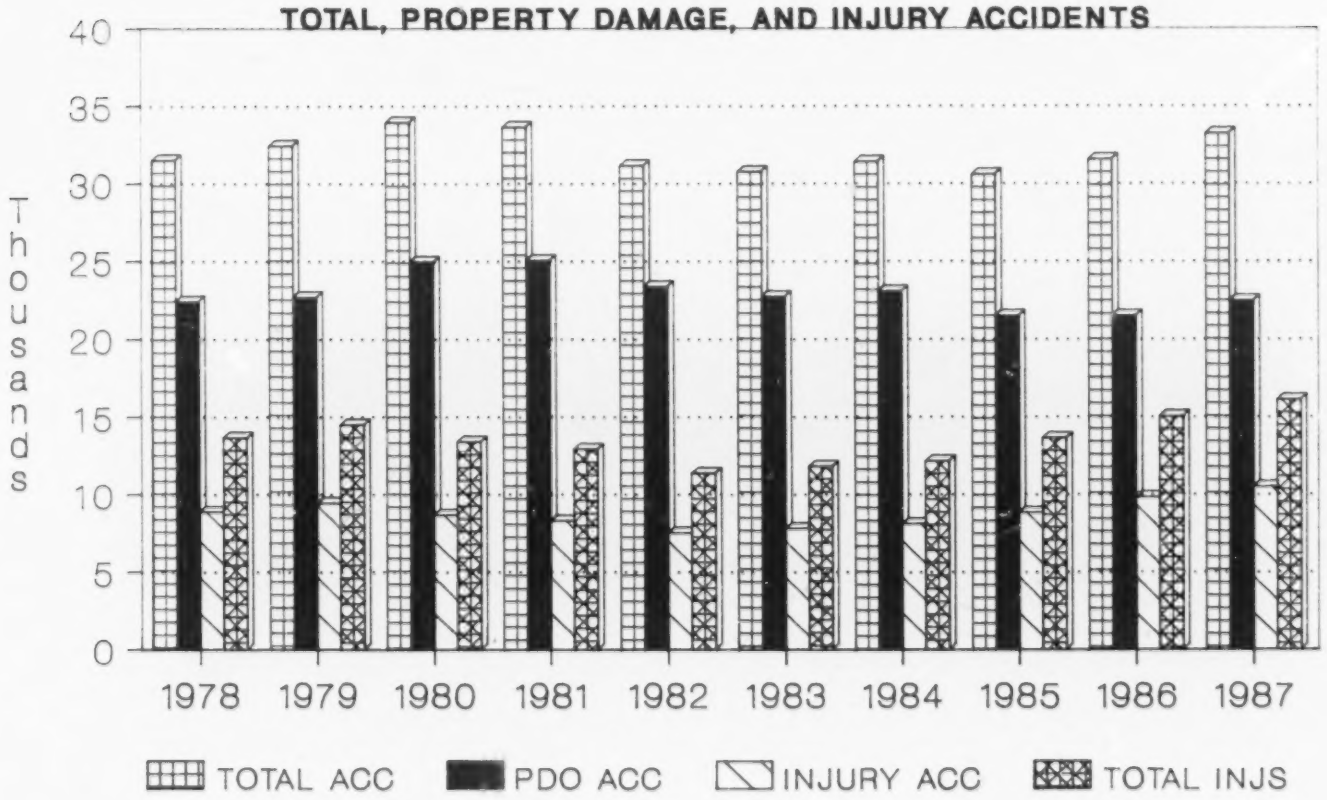


INJURY RATES NEVADA VS NATIONAL



1987 STATEWIDE TRAFFIC ACCIDENTS

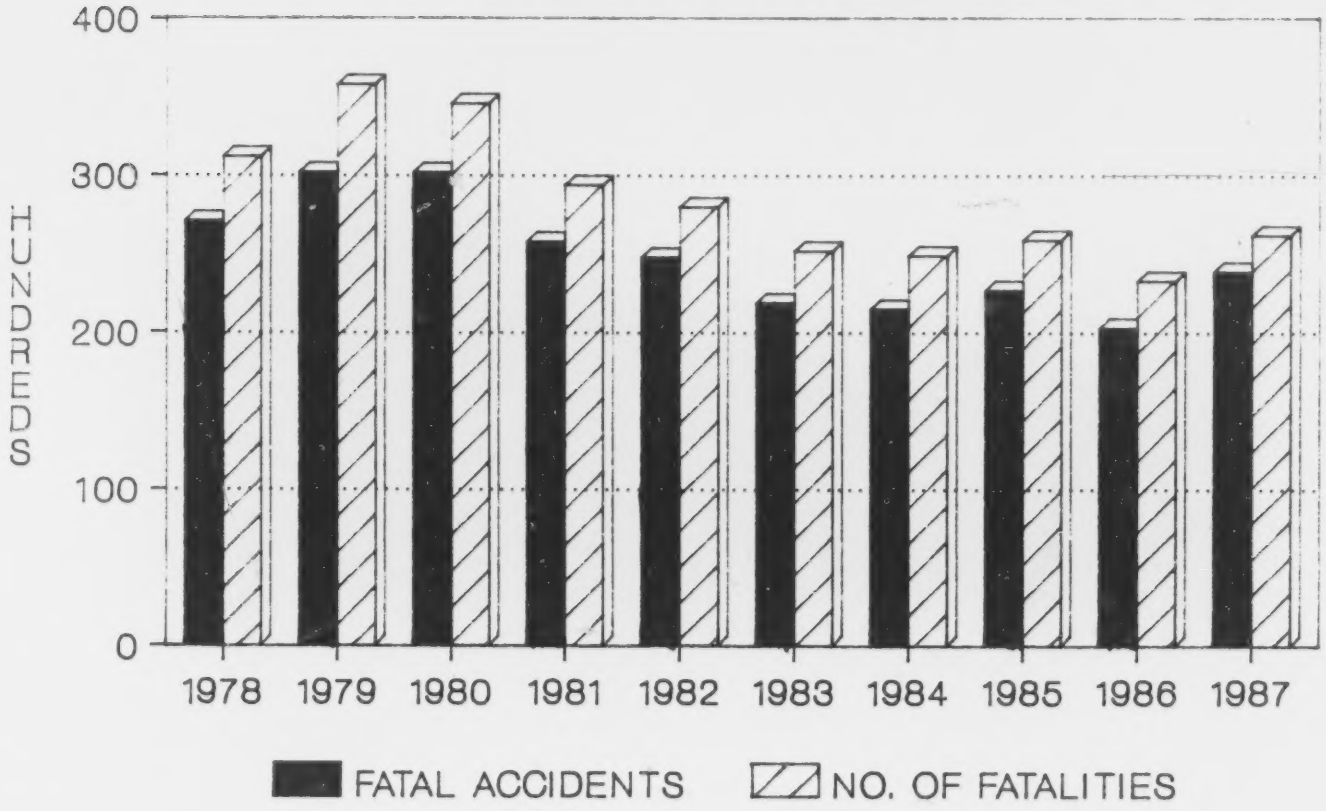
TEN YEAR TRENDS



1987 STATEWIDE TRAFFIC ACCIDENTS

TEN YEAR TRENDS

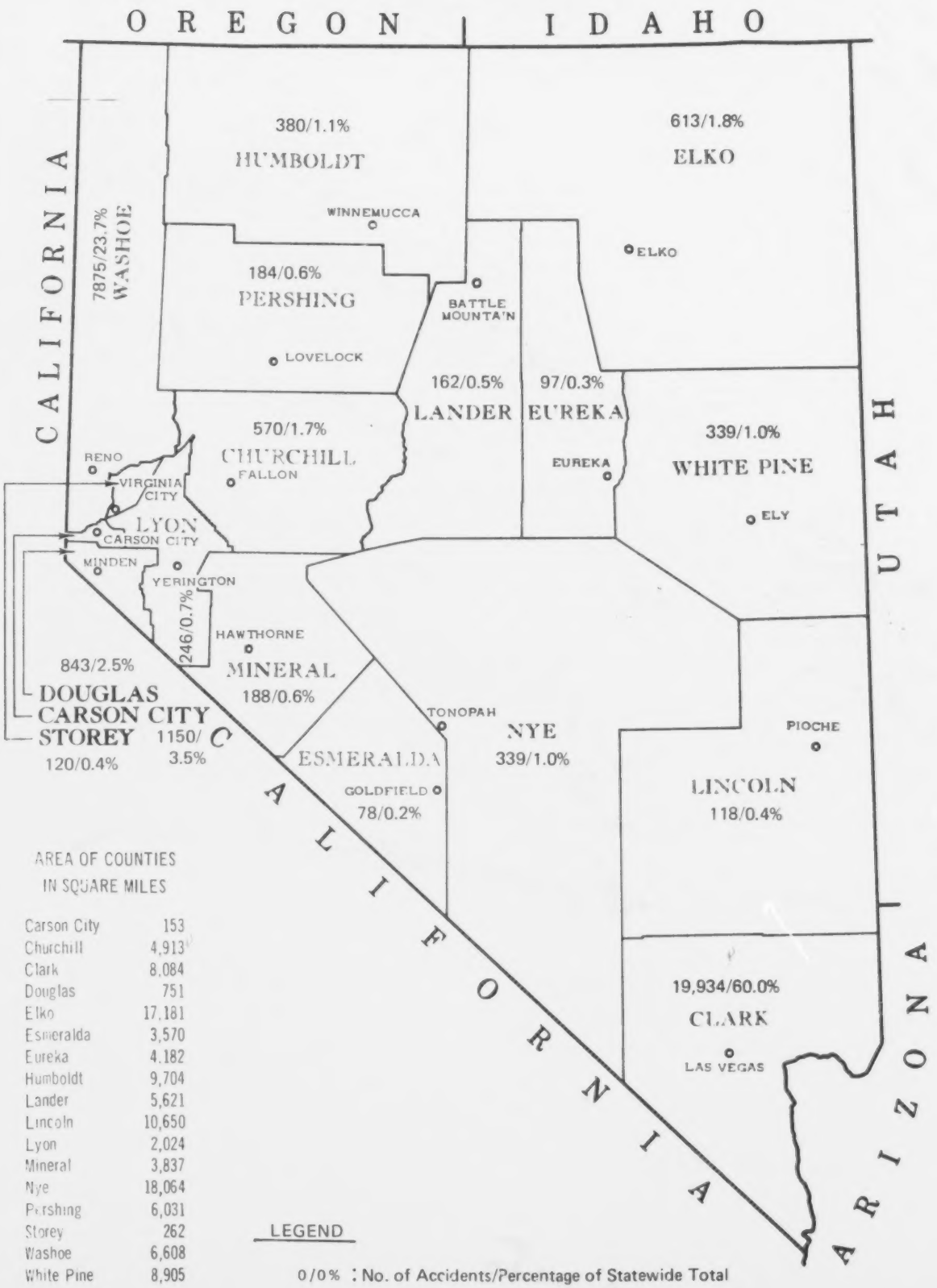
FATAL TRAFFIC ACCIDENTS



1987 STATEWIDE TRAFFIC ACCIDENTS

NUMBER AND PERCENTAGE OF ACCIDENTS BY COUNTY

(All Traffic Accidents Statewide)



AREA OF COUNTIES
IN SQUARE MILES

Carson City	153
Churchill	4,913
Clark	8,084
Douglas	751
Elko	17,181
Esmeralda	3,570
Eureka	4,182
Humboldt	9,704
Lander	5,621
Lincoln	10,650
Lyon	2,024
Mineral	3,837
Nye	18,064
Pershing	6,031
Storey	262
Washoe	6,608
White Pine	8,905

LEGEND

0/0% : No. of Accidents/Percentage of Statewide Total

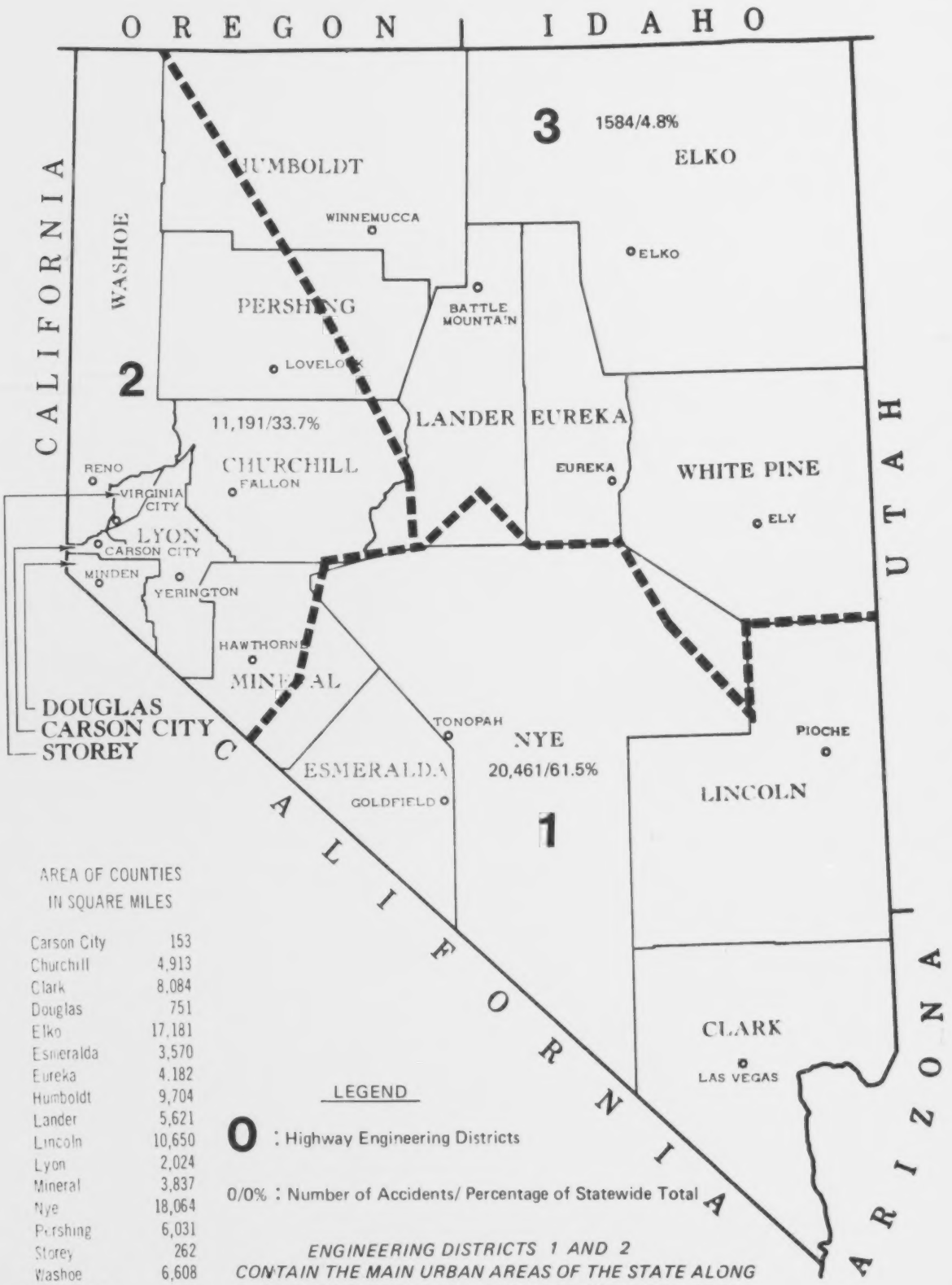
1987 STATEWIDE TRAFFIC ACCIDENTS

INJURY, FATAL AND TOTAL ACCIDENTS AS INVESTIGATED BY INDIVIDUAL STATEWIDE REPORTING AGENCIES

REPORTING AGENCY	INJURY ACCIDENTS	FATAL ACCIDENTS	TOTAL ACCIDENTS
NEVADA HIGHWAY PATROL ZONE 1	1515	74	4467
NEVADA HIGHWAY PATROL ZONE 2	1135	52	3394
NEVADA HIGHWAY PATROL ZONE 3	320	28	987
CARSON CITY SHERIFF	180	3	985
CHURCHILL COUNTY SHERIFF	32	0	139
FALLON POLICE DEPT.	28	0	140
LAS VEGAS METRO POLICE DEPT.	4829	53	13583
NORTH LAS VEGAS POLICE DEPT.	383	6	1200
HENDERSON POLICE DEPT.	318	1	753
BOULDER CITY POLICE DEPT	45	0	207
NATIONAL PARK SERVICE (LAKE MEAD)	22	3	71
DOUGLAS COUNTY SHERIFF OFFICE	58	0	362
ELKO COUNTY SHERIFF	23	0	107
ELKO POLICE DEPT.	3	0	45
WELLS POLICE DEPT.	0	0	0
CARLIN POLICE DEPT.	3	0	19
ESMERALDA COUNTY SHERIFF	1	0	2
EUREKA COUNTY SHERIFF	1	0	13
HUMBOLDT COUNTY SHERIFF	12	0	74
WINNEMUCCA POLICE DEPT.	28	0	121
LANDER COUNTY SHERIFF	16	0	56
LINCOLN COUNTY SHERIFF	3	0	30
CALIENTE POLICE DEPT.	2	0	7
LYON COUNTY SHERIFF	4	1	38
YERINGTON POLICE DEPT.	4	1	22
MINERAL COUNTY SHERIFF	10	0	94
NYE COUNTY SHERIFF	18	1	121
GABBS POLICE DEPT.	0	0	3
PERSHING COUNTY SHERIFF	1	1	13
LOVELOCK POLICE DEPT.	0	0	7
STOREY COUNTY SHERIFF	11	0	66
WASHOE COUNTY SHERIFF	200	5	743
RENO POLICE DEPT.	965	5	3607
SPARKS POLICE DEPT.	309	3	1505
WHITE PINE COUNTY SHERIFF	21	0	209
OTHERS	9	2	46

1987 STATEWIDE TRAFFIC ACCIDENTS

NUMBER AND PERCENTAGE OF ACCIDENTS BY DISTRICT



AREA OF COUNTIES
IN SQUARE MILES

Carson City	153
Churchill	4,913
Clark	8,084
Douglas	751
Elko	17,181
Esmeralda	3,570
Eureka	4,182
Humboldt	9,704
Lander	5,621
Lincoln	10,650
Lyon	2,024
Mineral	3,837
Nye	18,064
Pershing	6,031
Storey	262
Washoe	6,608
White Pine	8,905

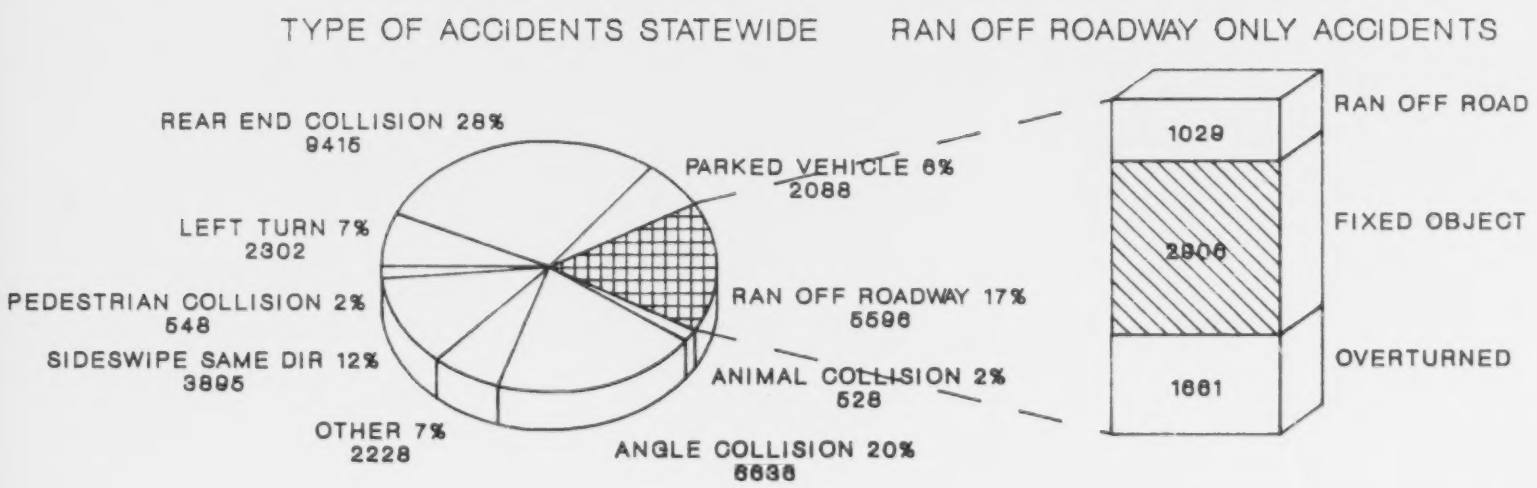
LEGEND

0 : Highway Engineering Districts

0/0% : Number of Accidents/ Percentage of Statewide Total

ENGINEERING DISTRICTS 1 AND 2 CONTAIN THE MAIN URBAN AREAS OF THE STATE ALONG WITH THE STATE CAPITOL, AND ACCOUNTED FOR 95.2% OF THE ACCIDENTS

1987 STATEWIDE TRAFFIC ACCIDENTS

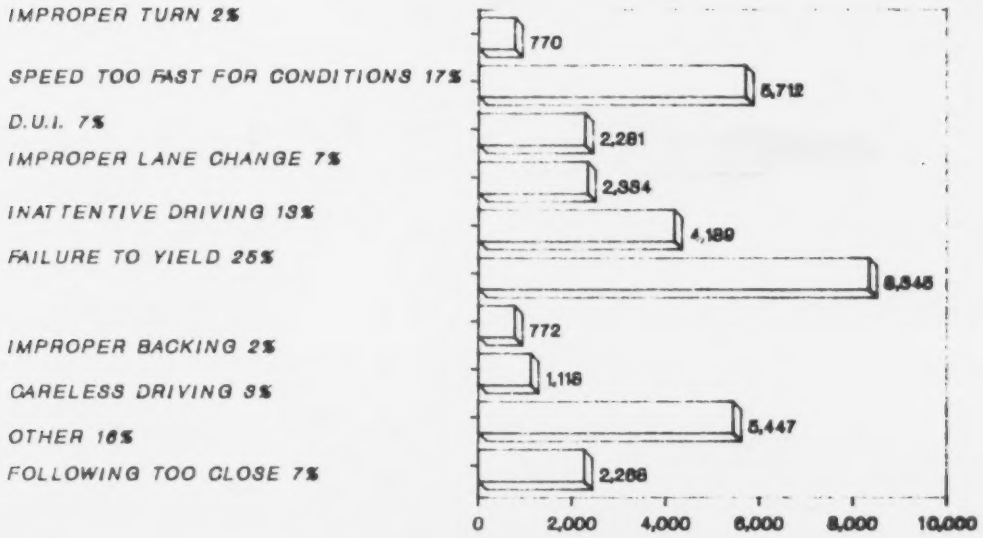


REAR END, ANGLE AND RAN OFF RDWY COLLISIONS WERE THE MAJOR ACCIDENT TYPES FOR 1987.

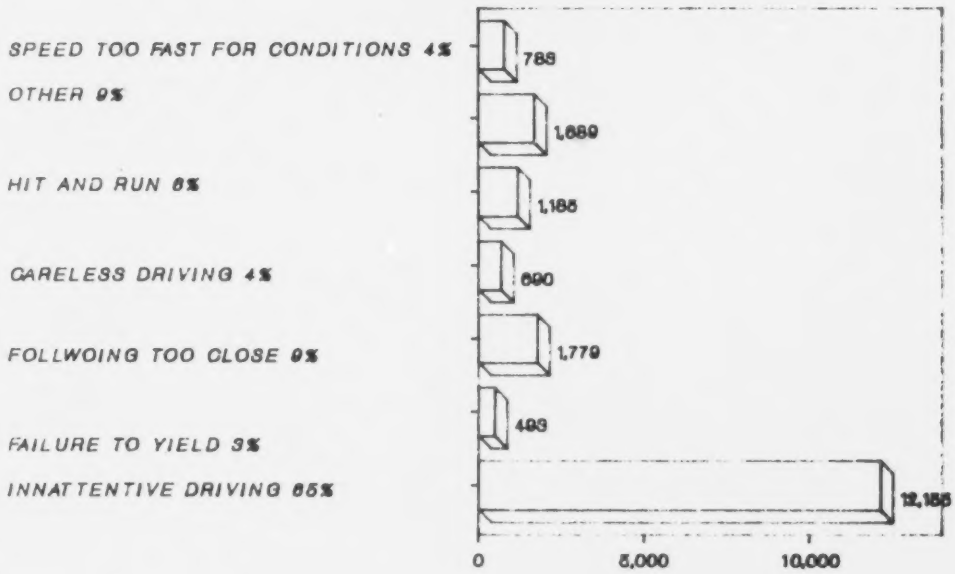
1987 STATEWIDE TRAFFIC ACCIDENTS

CONTRIBUTING FACTORS IN ALL ACCIDENTS

PRIMARY FACTOR



SECONDARY FACTOR



1987 STATEWIDE TRAFFIC ACCIDENTS

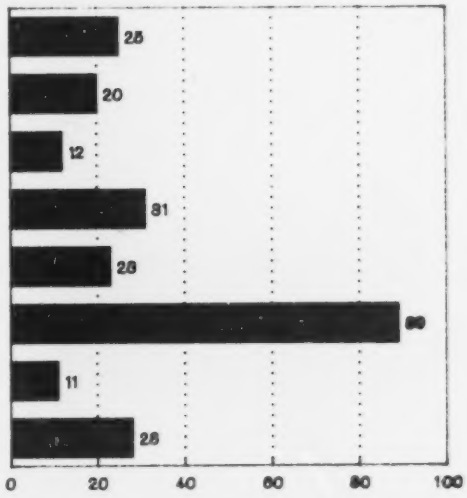
CONTRIBUTING FACTORS IN FATAL ACCIDENTS

PRIMARY FACTOR

FAILURE TO YIELD 10%
INATTENTIVE DRIVING 8%

FATIGUED DRIVER 5%
PEDESTRIAN IN ROAD 12%
EXCESSIVE SPEED 9%
D.U.I. 36%

SPEED TOO FAST 4%
OTHER 16%



SECONDARY FACTOR

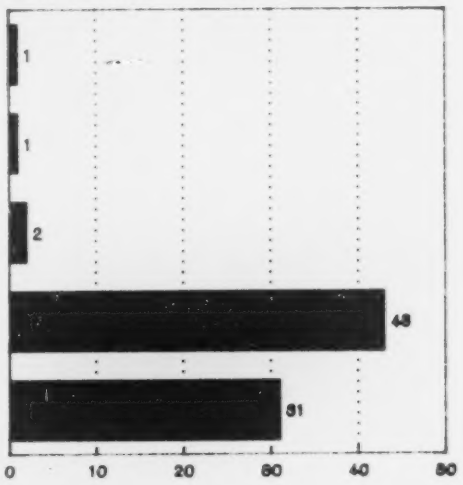
DRIVING IN IMP. MAN. 11%

SPEED TOO FAST 11%

INATTENTIVE DRIVING 16%

OTHER 35%

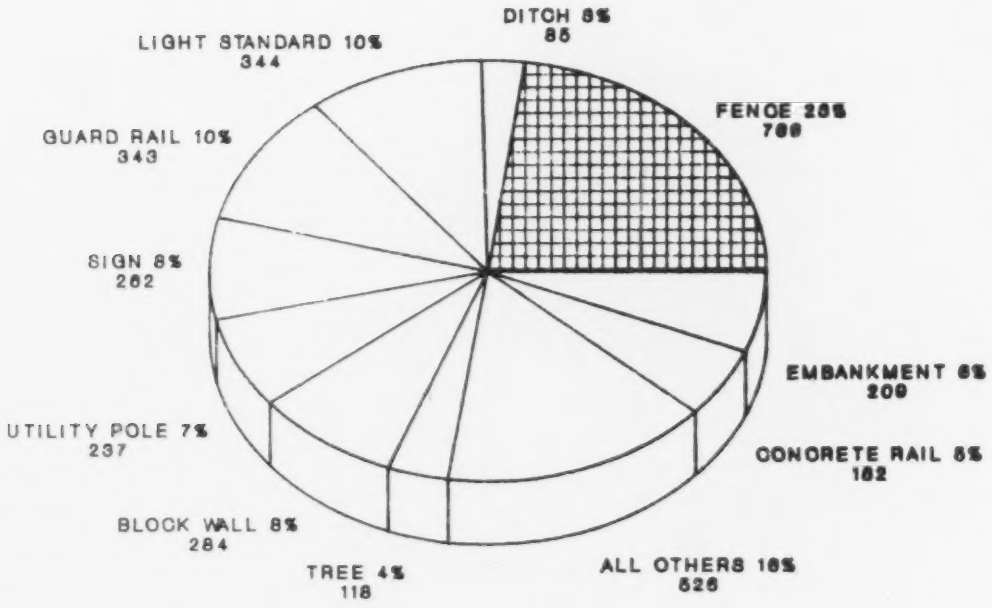
EXCESSIVE SPEED 25%



SECONDARY CONTRIBUTING FACTORS WERE NOT CODED IN ALL FATAL ACCIDENTS.

1987 STATEWIDE TRAFFIC ACCIDENTS
ACCIDENTS INVOLVING FIXED OBJECTS

*3356 TOTAL ACCIDENTS

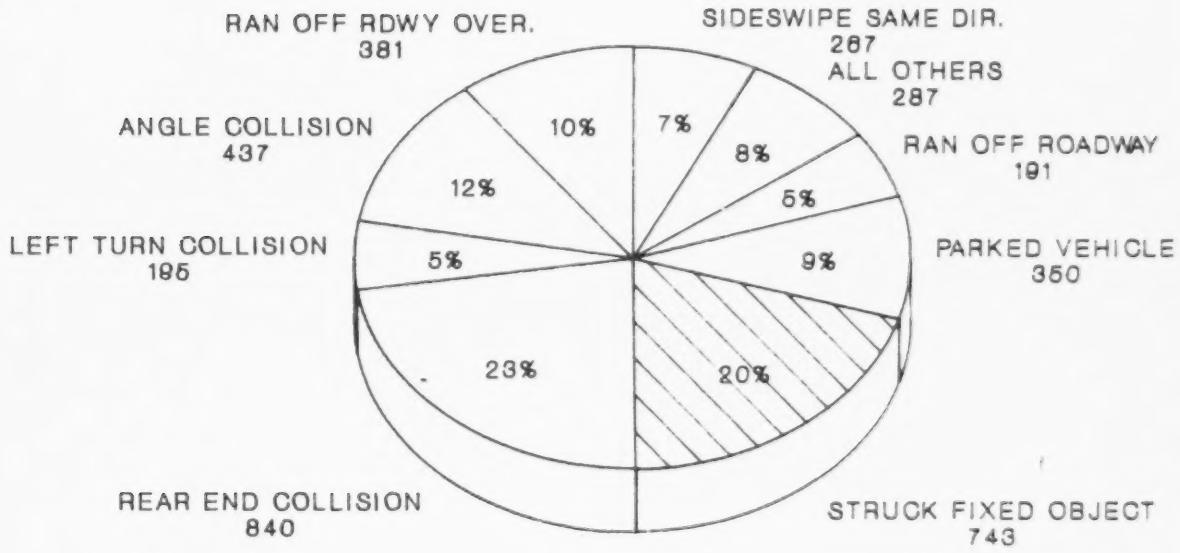


DURING 1987 THE MOST FREQUENTLY STRUCK OBJECT ALONG NEVADA'S HIGHWAYS WERE FENCES. FIXED OBJECT COLLISIONS COMPRISED 8.9% OF ALL 1987 ACCIDENTS AS COMPARED TO 11.6% IN 1986.

*NOTE: FIXED OBJECTS CAN BE INVOLVED IN OTHER THAN RAN OFF ROWY TYPE ACCIDENTS.

1987 STATEWIDE TRAFFIC ACCIDENTS
ALCOHOL RELATED ACCIDENTS

RELATED TO TYPE OF ACCIDENT



TOTAL ALCOHOL RELATED ACCIDENTS - 3691

1987 STATEWIDE TRAFFIC ACCIDENTS

ALCOHOL/DRUG RELATED PROPERTY DAMAGE, INJURY, FATAL, & TOTAL ACCIDENTS BY COUNTY

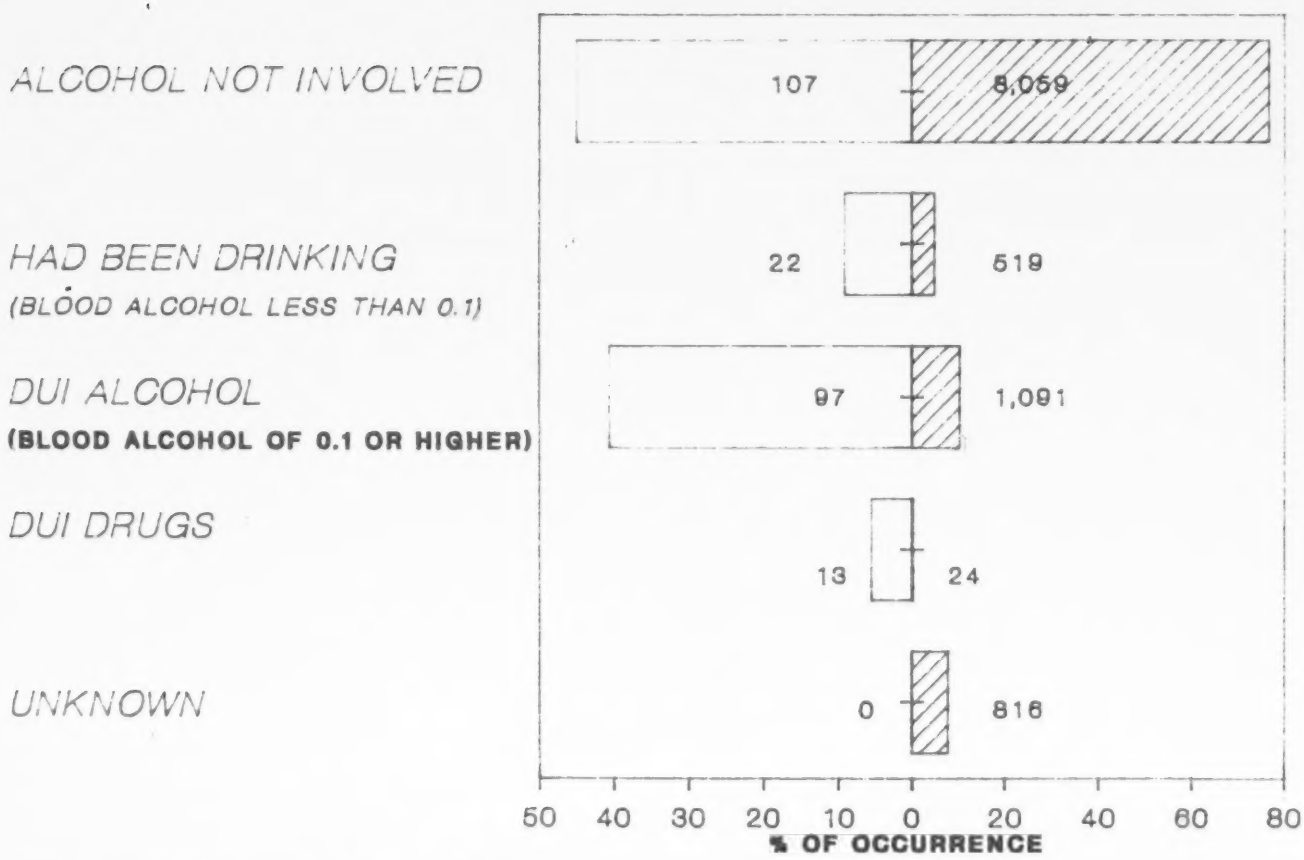
COUNTY	PROPERTY DAMAGE ACCIDENTS	INJURY ACCIDENTS	FATAL ACCIDENTS	TOTAL ALCOHOL ACCIDENTS	% OF TOTAL COUNTY ACCIDENTS
CARSON CITY	49	38	5	92	8.0%
CHURCHILL	33	39	6	78	13.7%
CLARK	1140	999	56	2195	11.0%
DOUGLAS	70	47	2	119	14.1%
ELKO	23	17	3	43	7.0%
ESMERALDA	4	9	1	14	17.9%
EUREKA	3	3	1	7	7.2%
HUMBOLDT	23	13	2	38	10.0%
LANDER	3	7	3	13	8.1%
LINCOLN	8	5	2	15	12.7%
LYON	14	29	3	46	18.8%
MINERAL	9	8	1	18	9.6%
NYE	18	29	8	55	16.2%
PERSHING	10	10	2	22	12.0%
STOREY	11	12	1	24	20.0%
WASHOE	475	403	19	897	11.4%
WHITE PINE	8	11	2	21	6.2%

STOREY AND LYON COUNTIES HAVE THE HIGHEST PERCENTAGE OF ALCOHOL INVOLVED ACCIDENTS WHEN COMPARED TO THEIR COUNTY'S TOTAL ACCIDENT EXPERIENCE WHILE WHITE PINE HAD THE LOWEST PERCENTAGE OF ALCOHOL INVOLVED ACCIDENTS.

THE ALCOHOL/DRUG RELATED FATAL ACCIDENT TOTALS ON THIS PAGE REFLECT DRIVER INVOLVEMENT ONLY. PEDESTRIAN ALCOHOL/DRUG INVOLVEMENT IS NOT INCLUDED IN NDOT'S ANALYSIS UNDER THIS CATEGORY.

DEPARTMENT OF MOTOR VEHICLE'S STUDY ON THE FOLLOWING PAGE (PG 18) FOR ALCOHOL/DRUG INVOLVEMENT IN FATAL ACCIDENTS DO INCLUDE PEDESTRIANS.

1987 STATEWIDE TRAFFIC ACCIDENTS
PERCENTAGE OF ALCOHOL INVOLVEMENT



1987 STATEWIDE TRAFFIC ACCIDENTS
TOTAL PERCENTAGE OF ALCOHOL INVOLVEMENT*

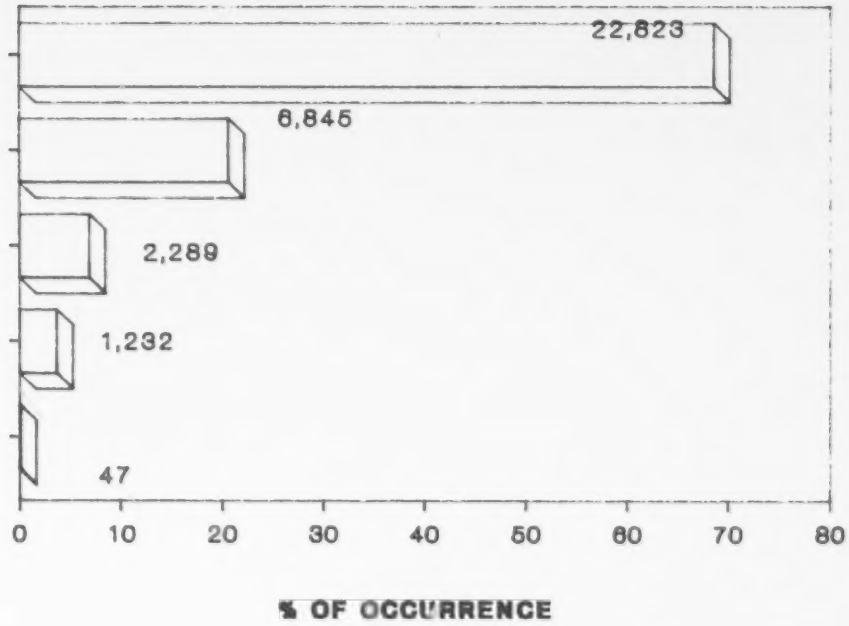
ALCOHOL NOT INVOLVED

UNKNOWN

DUI ALCOHOL
(BLOOD ALCOHOL OF 0.1 OR HIGHER)

HAD BEEN DRINKING
(BLOOD ALCOHOL LESS THAN 0.1)

DUI DRUGS



TOTAL ACCIDENTS

[ ]

* ***Total Percentage Based on Driver #1.***

1987 STATEWIDE TRAFFIC ACCIDENTS

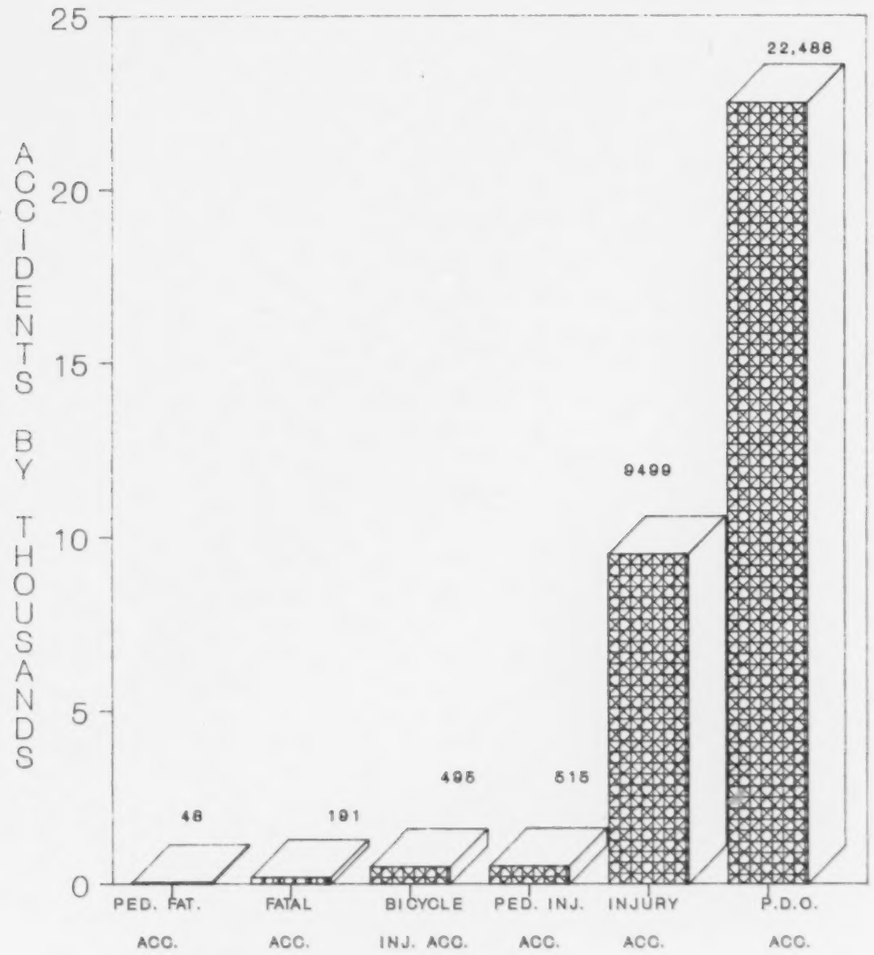
ACCIDENT TYPE BY SEVERITY

TYPE OF ACCIDENT	PROPERTY DAMAGE ONLY ACCIDENT	INJURY ONLY ACCIDENT	FATAL ACCIDENT	TOTAL ACCIDENTS	NO. OF INJURIES	NO. OF FATALITIES
REAR END COL.	6402	3006	7	9412	4909	8
ANGLE COLLISIONS	4407	2203	27	6637	3622	29
SIDESWIPE SAME DIR.	3322	569	4	3895	877	5
RAN OFF RDWY & STRUCK FIXED OBJ.	1709	725	10	2444	928	11
LEFT TURN COL.	1446	850	6	2302	1426	7
COL. W/PARKED VEH.	1787	296	5	2088	368	5
RAN OFF RDWY & OVERTURNED	631	803	71	1505	1259	76
RAN OFF RDWY	730	230	0	960	299	0
COL. WITH ANIMAL	483	44	1	528	69	1
COL. WITH PED	0	506	42	548	558	43
COL. WITH PEDALCYCLE	0	491	4	495	504	4
SIDESWIPE OPP. DIR.	245	118	4	367	235	4
OVERTURNED ON RDWY	27	137	1	165	163	1
HEAD ON COL.	75	97	26	198	256	33
RAN OFF RDWY & STRUCK CULVERT OR ABUTMENT	21	10	1	32	12	1
STRUCK OBJ. IN RDWY	93	16	0	109	18	0
COL. W/OUT CONTROL OF VEHICLE	124	55	3	182	107	4
RAN OFF RDWY & STRUCK EMBANKMENT	72	44	0	116	51	0
RAN OFF RDWY & OTHER COMBINATIONS	118	95	18	231	136	20

ACCIDENT TYPE BY SEVERITY—(CONTINUED)

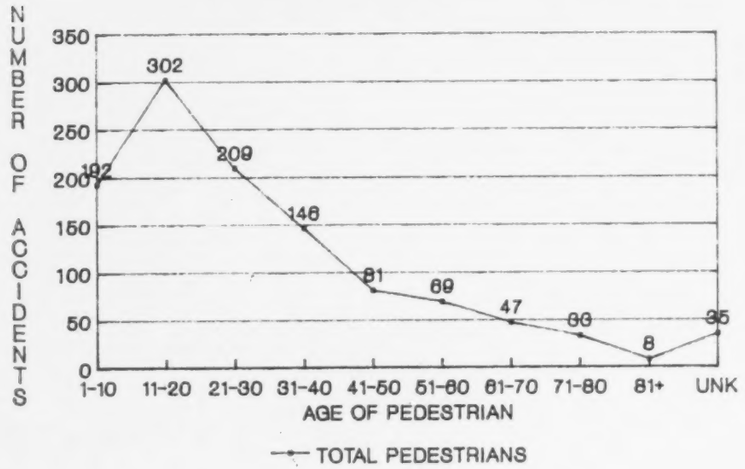
RAN OFF RDWY INTO MEDIAN & OVERTURNED	33	64	5	102	128	6
RAN OFF RDWY & STRUCK MEDIAN FIXED OBJS.	43	40	0	83	50	0
TRAILING UNIT DISC.	63	2	0	65	2	0
RAN OFF RDWY INTO MEDIAN	47	21	1	69	27	1
RIGHT TURN COL.	61	12	0	73	21	0
STRUCK PROTRUDING PART OF VEHICLE	28	1	0	29	1	0
CHAIN REACTION COL.	12	3	0	15	4	0
JACK KNIFE IN RDWY	21	4	0	25	5	0
RAN OFF RDWY DOWN EMBANKMENT OF CLIFF	18	27	2	47	38	2
STRUCK PARKED VEH. OFF RDWY	12	3	0	15	3	0
RAN OFF RDWY INTO RIVER OR DITCH	4	3	0	7	4	0
COL. WITH TRAIN	2	0	0	2	0	0
STRUCK RR XING GATE IN RDWY	6	0	0	6	0	0
OTHER OR UNKNOWN COL.	446	34	1	478	40	1
TOTALS	22,488	10,509	239	33,236	16,120	262

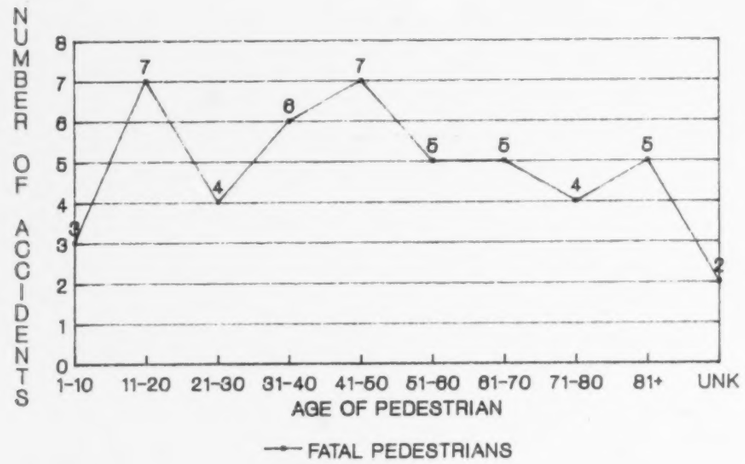
1987 STATEWIDE TRAFFIC ACCIDENTS
SEVERITY OF TRAFFIC ACCIDENTS



31.6% OF THE ACCIDENTS WHICH OCCURRED IN NEVADA DURING 1987 RESULTED IN PERSONAL INJURY. LESS THAN 1% OF THE ACCIDENTS RESULTED IN A FATALITY. "PROPERTY DAMAGE ONLY" ACCIDENTS REPRESENT THE LARGEST PERCENTAGE WITH 67.7%.

1987 STATEWIDE TRAFFIC ACCIDENTS
PEDESTRIAN AGE BY SEVERITY

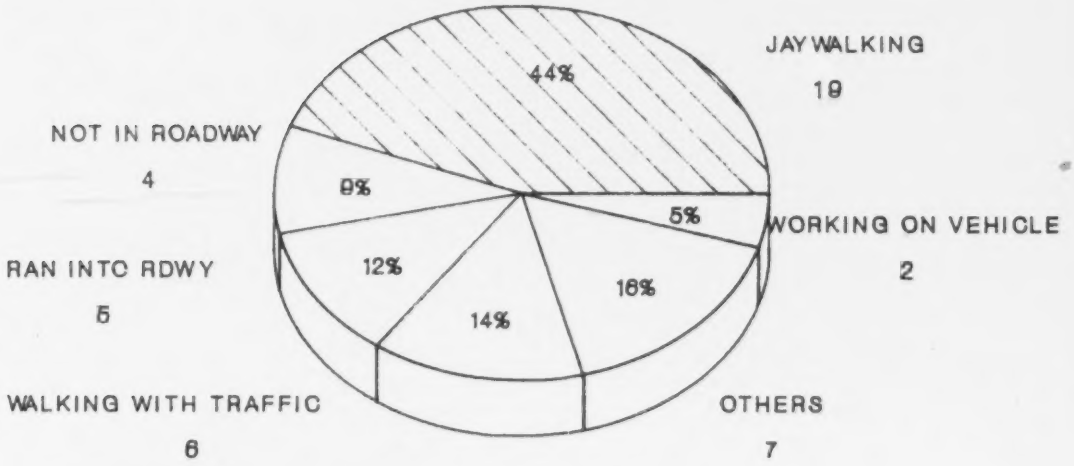




THRU 1987 THE AGE GROUP 11-20 SUSTAINED THE MOST FATAL INJ. OF ALL PEDESTRIAN ACC. AS WELL AS THE HIGHEST OCCURRENCE.

1987 STATEWIDE TRAFFIC ACCIDENTS
PEDESTRIAN ACTION

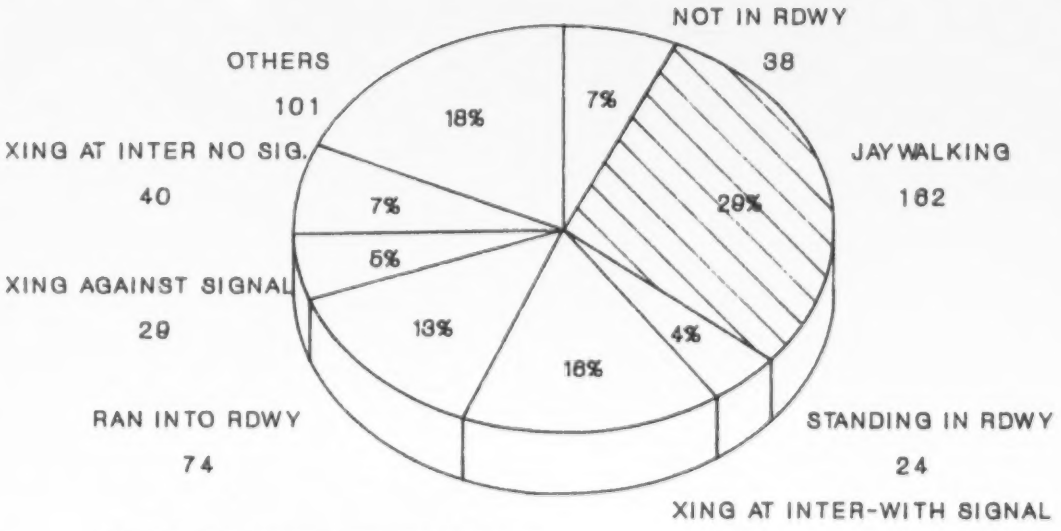
FATAL PEDESTRIAN ACCIDENTS



PEDESTRIAN ERROR WAS THE MAJOR CAUSATIVE FACTOR IN THE 43 FATAL ACCIDENTS.

PEDESTRIAN ACTION

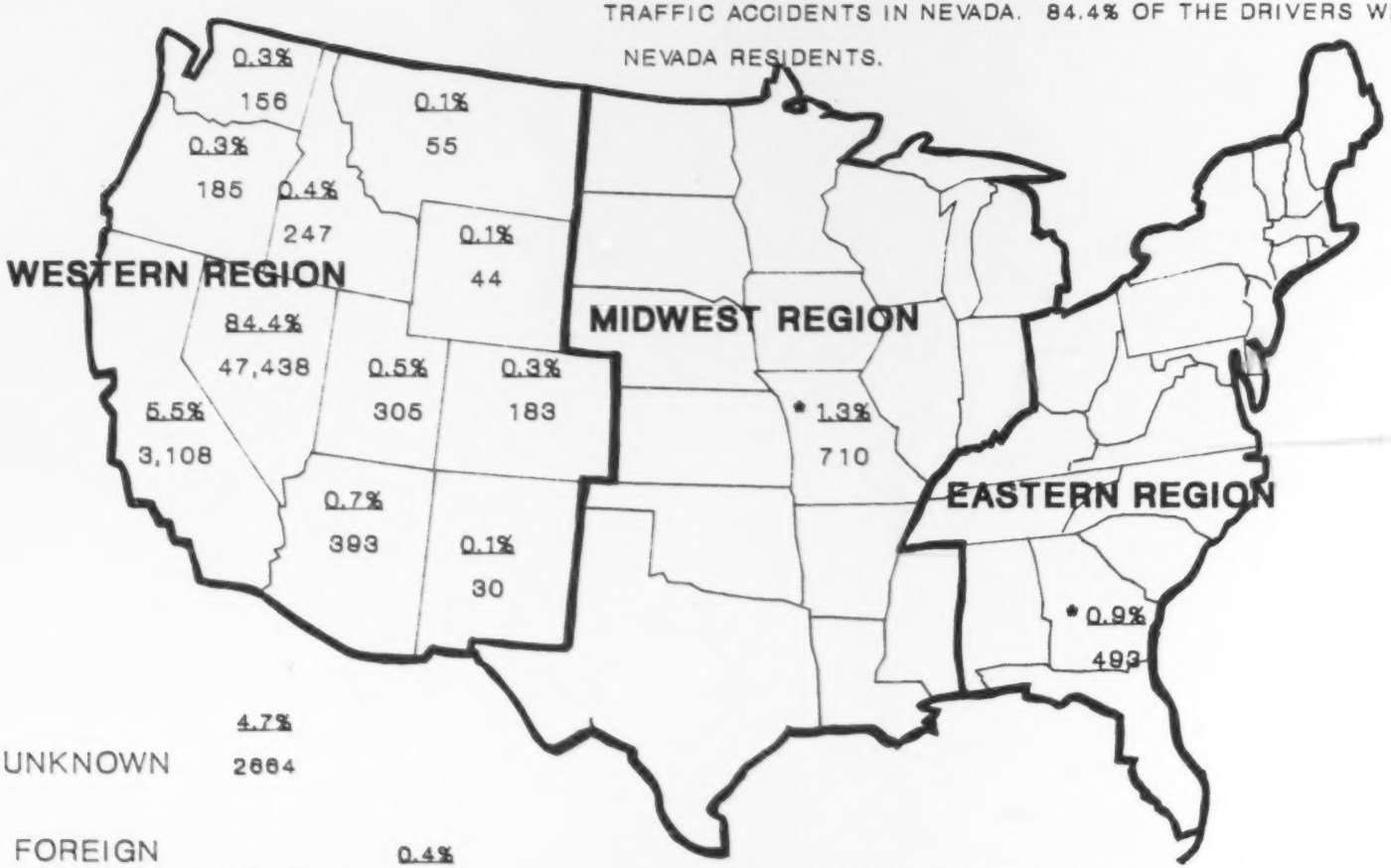
TOTAL PEDESTRIAN ACCIDENTS



THERE WERE 422 PEDESTRIAN ACCIDENTS IN 1987 IN WHICH PEDESTRIAN ERROR WAS THE MAJOR CAUSATIVE FACTOR.

1987 STATEWIDE TRAFFIC ACCIDENTS
DRIVER RESIDENCY MAP

DURING 1987 THERE WERE 56208 DRIVERS INVOLVED IN 33,236 TRAFFIC ACCIDENTS IN NEVADA. 84.4% OF THE DRIVERS WERE NEVADA RESIDENTS.



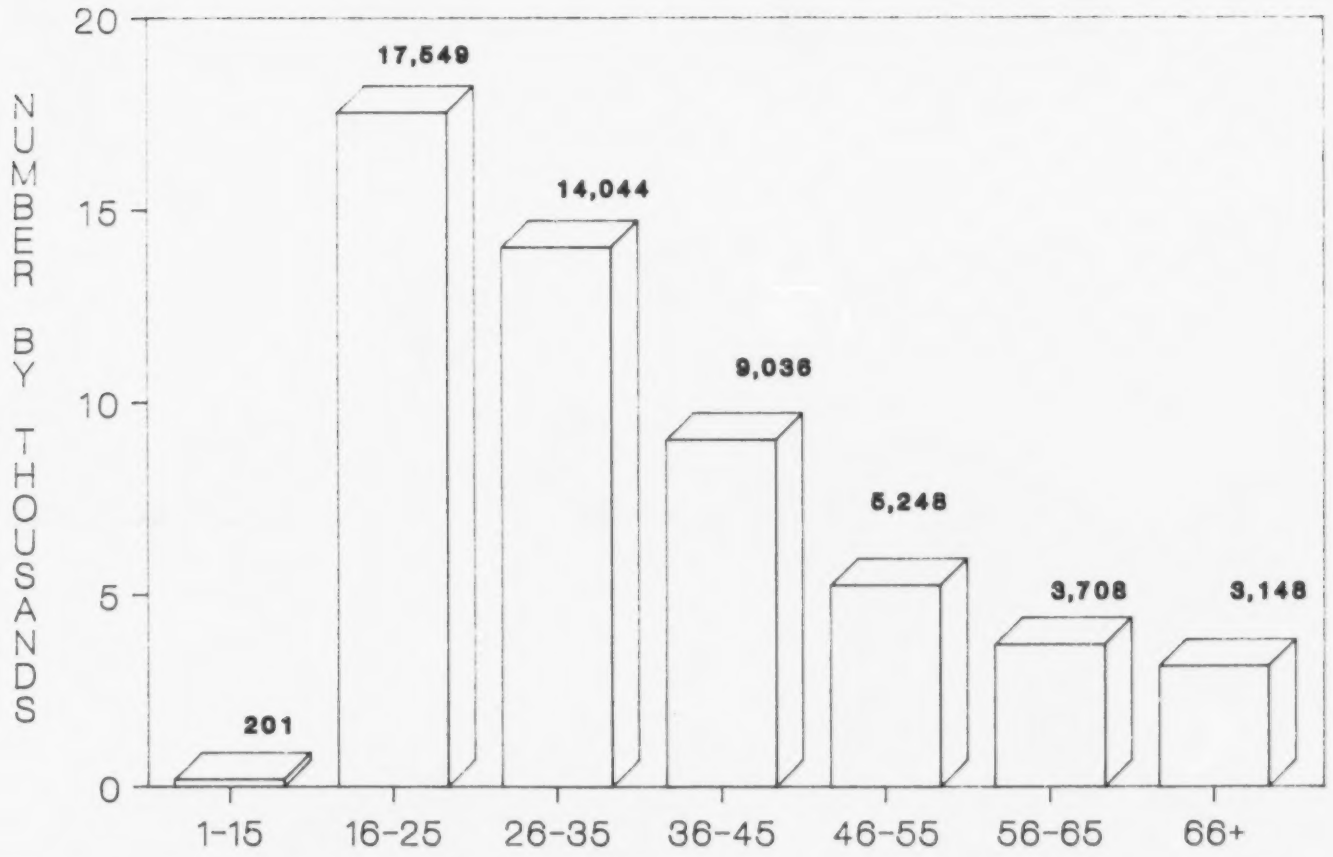
UNKNOWN 4.7% 2664

FOREIGN (INCLUDES ALASKA & HAWAII) 0.4% 197

*REPRESENTS DRIVERS FROM ENTIRE REGION

1987 STATEWIDE TRAFFIC ACCIDENTS

AGE OF DRIVERS INVOLVED IN ACCIDENTS

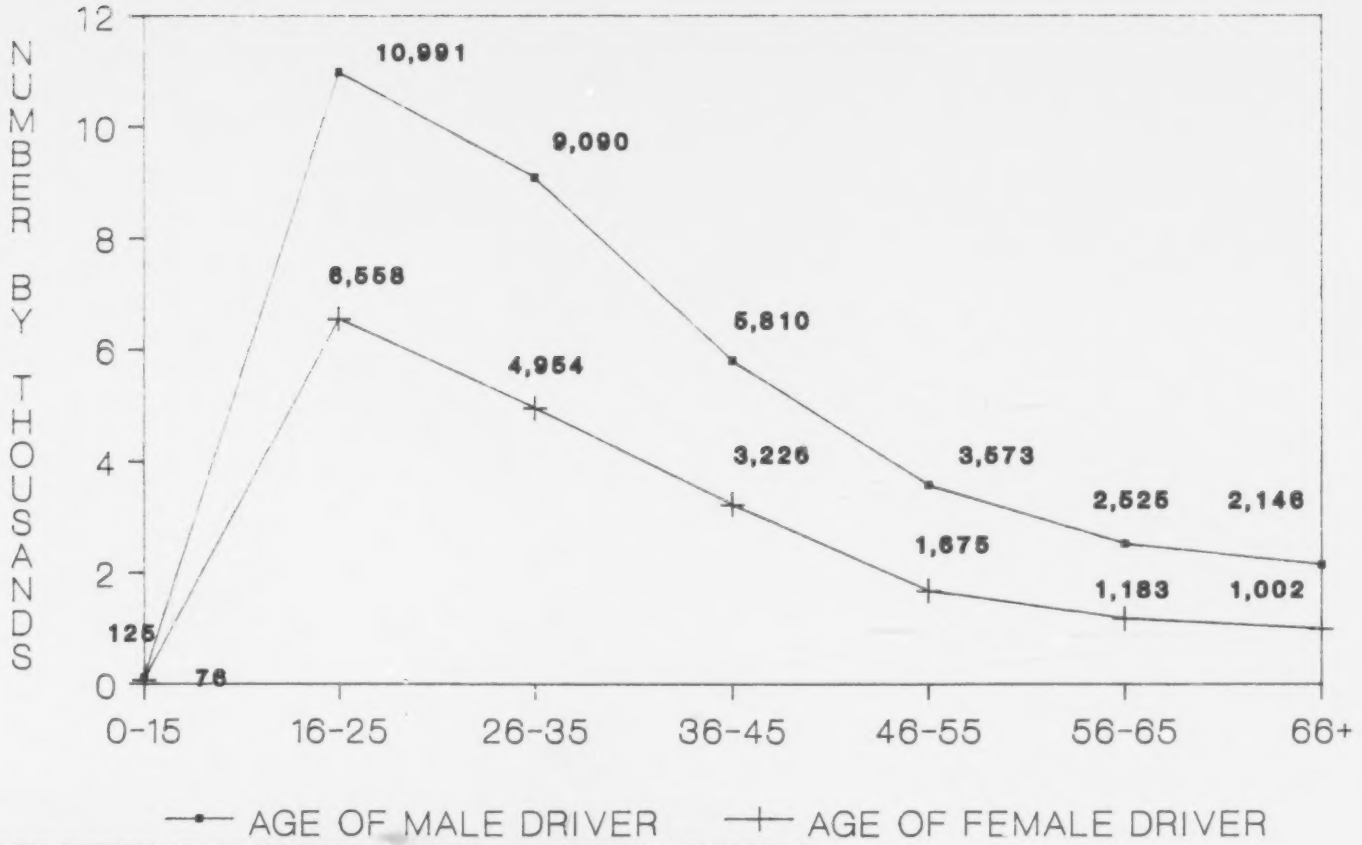


TOTAL NUMBER BASED UPON 52,934 DRIVERS WITH KNOWN SEX AND AGE.

GRAPH DOES NOT REFLECT %'S OF LICENSED DRIVERS OR VEH MILES

1987 STATEWIDE TRAFFIC ACCIDENTS

NUMBER OF DRIVERS BY SEX AND AGE

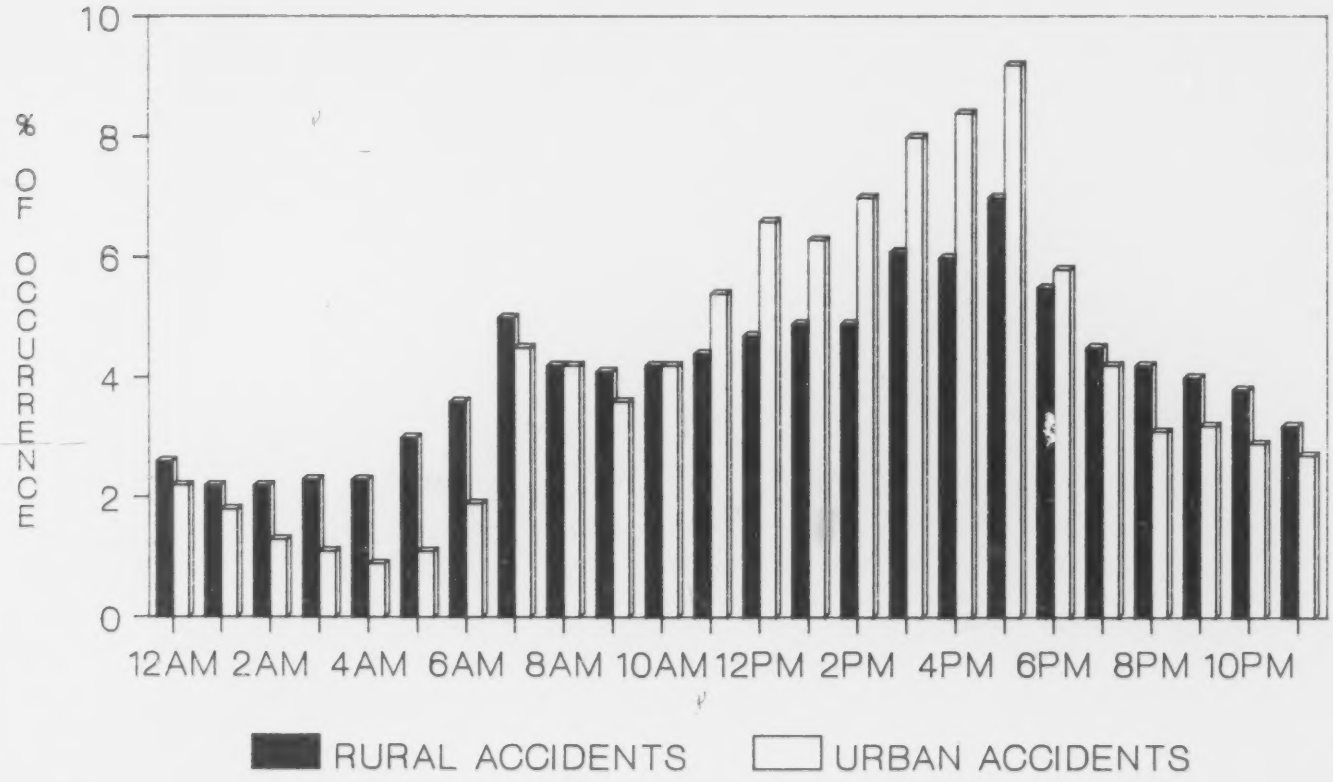


THE AGE GROUP 16-25 REPRESENTS THE HIGHEST NUMBER OF ACCIDENTS FOR MALE AND FEMALE DRIVERS.

GRAPHS DO NOT REFLECT %'S OF LICENSED DRIVERS OR VEH MILES

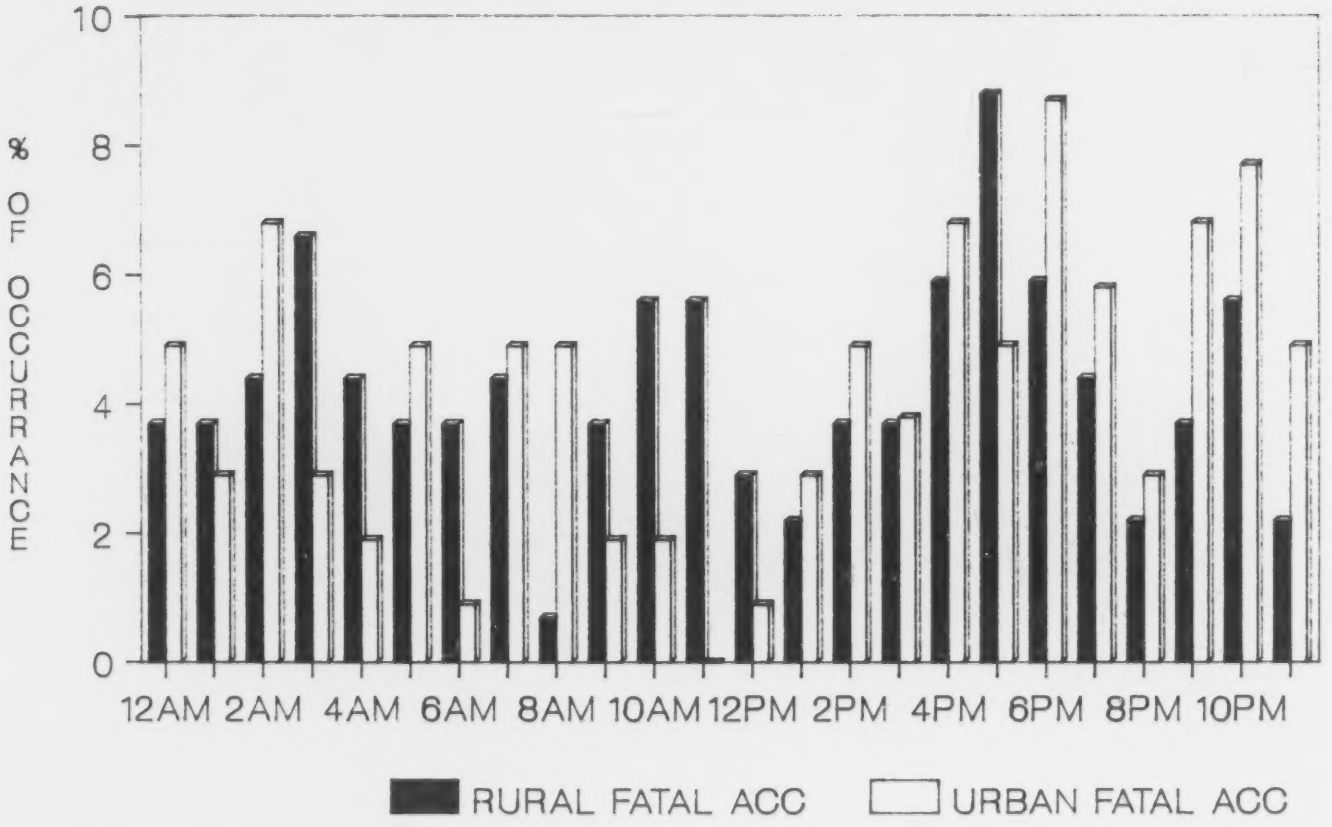
1987 STATEWIDE TRAFFIC ACCIDENTS

ACCIDENTS BY TIME OF DAY



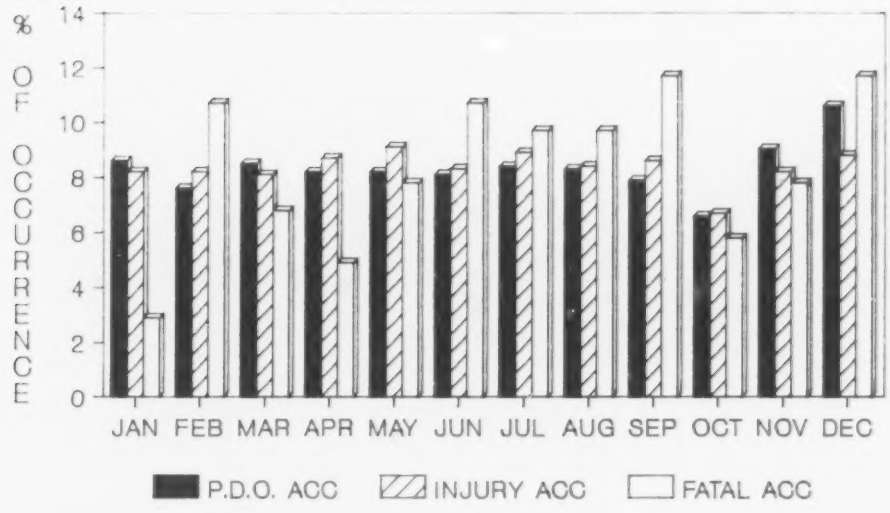
URBAN AND RURAL ACCIDENTS OCCURRED MOST FREQUENTLY BETWEEN THE HOURS OF 12PM AND 5PM.

1987 STATEWIDE TRAFFIC ACCIDENTS
FATAL ACCIDENTS BY TIME OF DAY



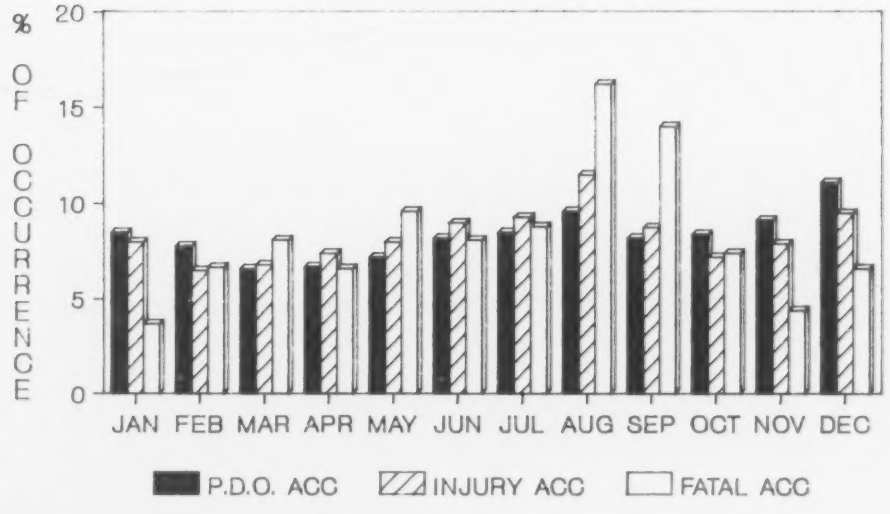
FATAL ACCIDENTS WERE WIDESPREAD WITH THE HIGHEST PERCENTAGES OCCURRING FROM 5-7PM

1987 STATEWIDE TRAFFIC ACCIDENTS
URBAN ACCIDENTS BY MONTH



DECEMBER EXPERIENCED THE HIGHEST PERCENTAGE OF P.D.O. ACC. AND FATAL ACC. WHILE MAY WAS HIGHEST FOR INJ ACC.

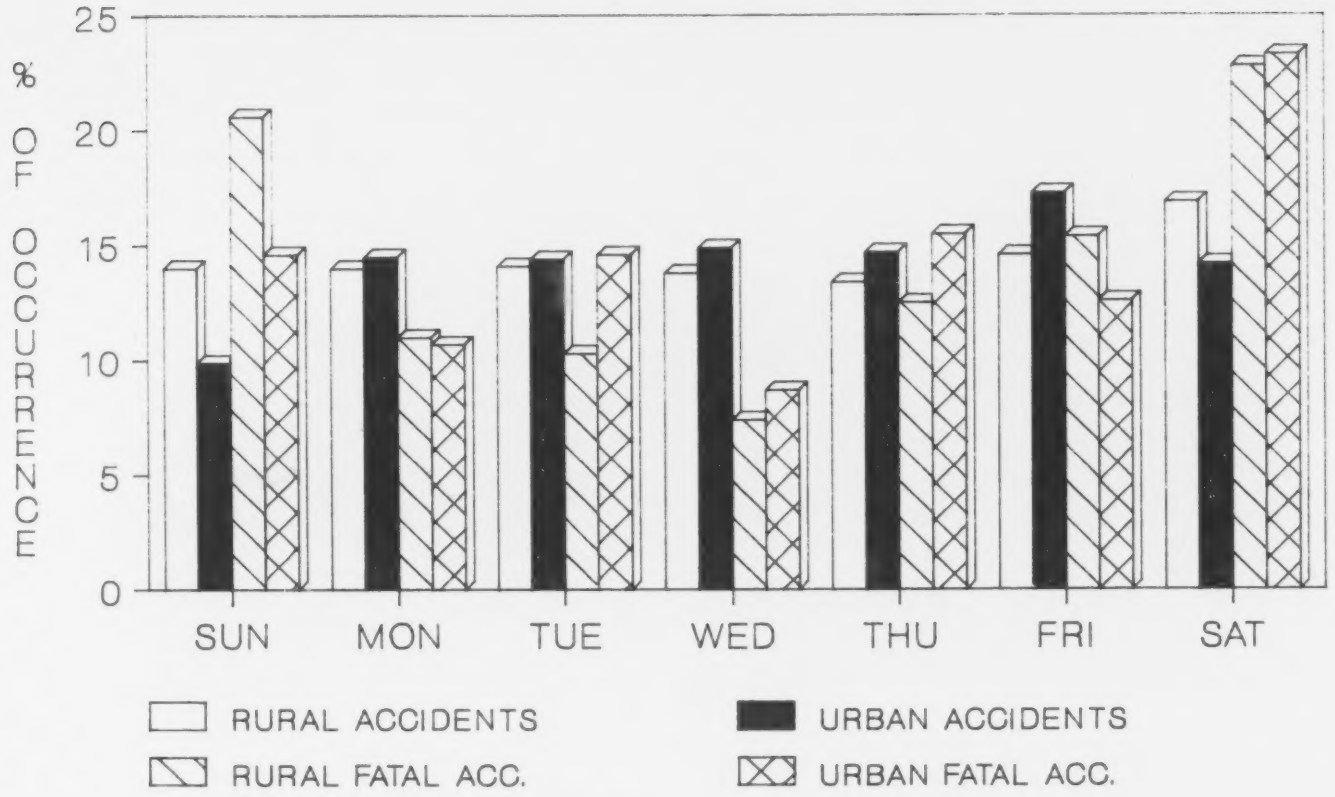
RURAL ACCIDENTS BY MONTH



DEC. EXPERIENCED THE HIGHEST PERCENTAGE OF P.D.O. ACC. WHILE AUG. HAD THE HIGHEST FOR FATAL AND INJURY ACCIDENTS.

1987 STATEWIDE TRAFFIC ACCIDENTS
ACCIDENTS BY DAY OF WEEK

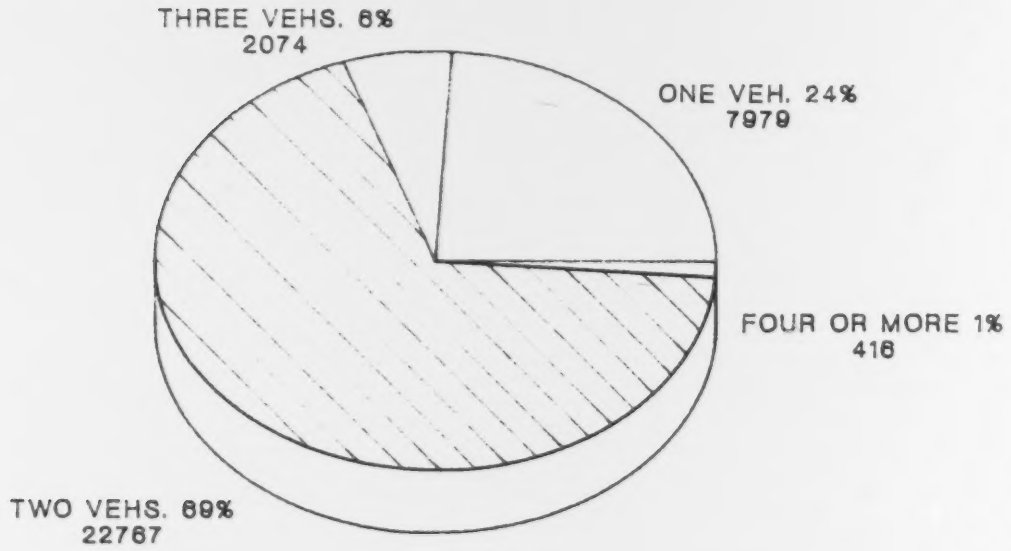
RURAL, URBAN AND FATAL ACCIDENTS



SATURDAY HAD THE HIGHEST TOTAL OF URBAN AND RURAL FATAL ACCIDENTS.

1987 STATEWIDE TRAFFIC ACCIDENTS

NUMBER OF VEHICLES PER ACCIDENT



ACCIDENTS INVOLVING TWO OR MORE VEHICLES ACCOUNTED FOR MORE THAN 76.0% OF THE TOTAL ACCIDENTS DURING 1987.

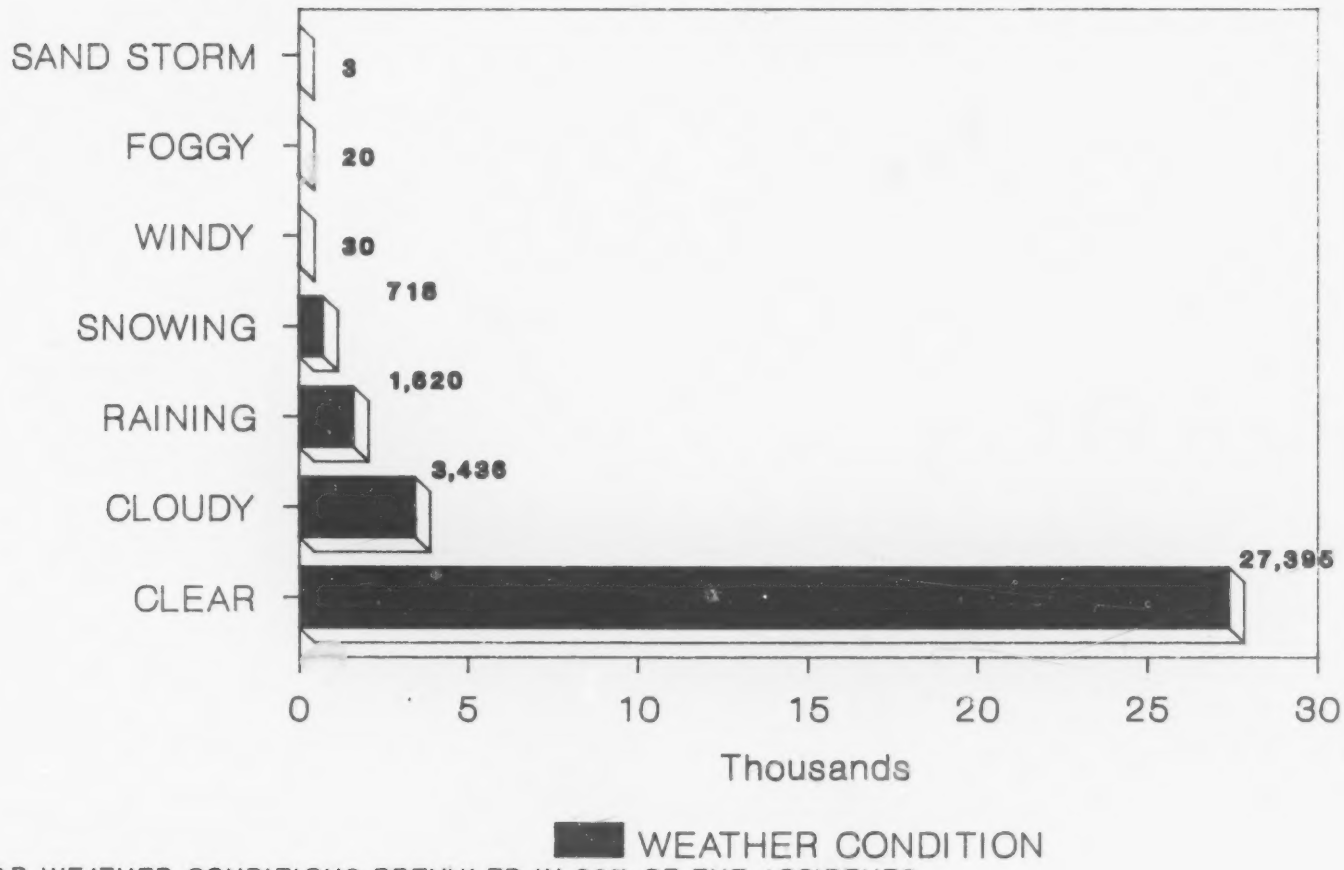
VEHICLES INVOLVED IN ALL TRAFFIC ACCIDENTS BY TYPE

STANDARD PASSENGER CAR	35,078
PICK - UP	11,122
SMALL PASSENGER CAR	8,044
MOTORCYCLE	782
TRACTOR–1 TRAILER	796
SINGLE UNIT TRUCK	498
COMMERCIAL BUS	241
TAXI	494
PICK - UP TOWING TRAILER	111
MOTOR HOME	159
PASSENGER CAR TOWING TRAILER	84
MOPED	95
SCHOOL BUS	78
TRACTOR–2 TRAILERS	97
CONSTRUCTION VEHICLE	62
LAW ENFORCEMENT VEHICLE	44
TRACTOR PULLING MOBILE HOME	2
TRACTOR–3 TRAILERS (Overlength)	19
FARM VEHICLE	9
FIRE VEHICLE	9
AMBULANCE	5
OTHER - UNKNOWN	668
TOTAL	**58,497**

VEHICLES INVOLVED IN ALL FATAL TRAFFIC ACCIDENTS BY TYPE

STANDARD PASSENGER CAR	163
PICK - UP	77
SMALL PASSENGER CAR	32
MOTORCYCLE	22
TRACTOR–1 TRAILER	14
SINGLE UNIT TRUCK	1
MOTOR HOME	2
PICK - UP WITH TRAILER	0
CONSTRUCTION VEHICLE	1
OVERLENGTH TRUCK	0
UNKNOWN	4
BUS (SCHOOL)	1
BUS (COMMERCIAL)	3
LAW ENFORCEMENT	1
TRUCK–2 TRAILERS	3
TOTAL	**324**

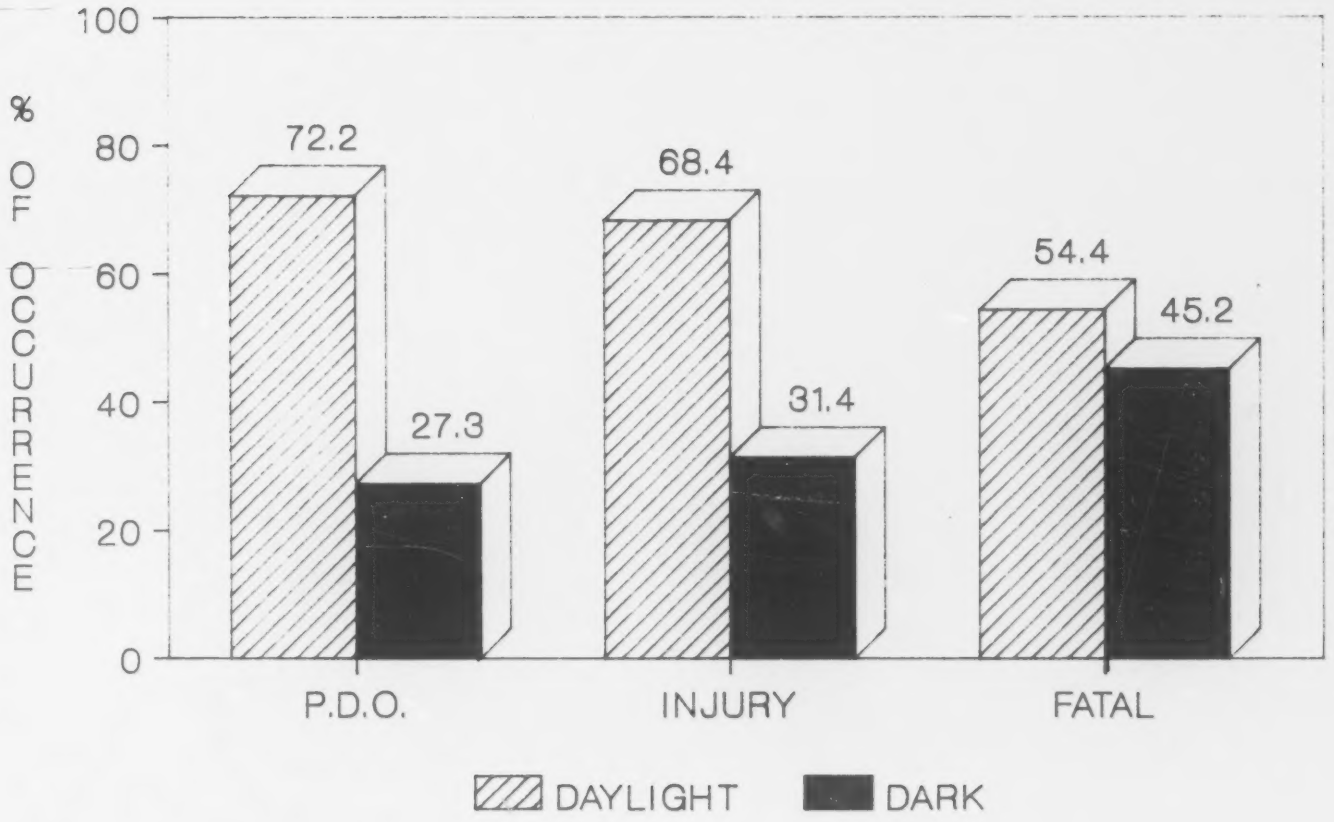
1987 STATEWIDE TRAFFIC ACCIDENTS
ACCIDENT FREQUENCY BY WEATHER CONDITION



CLEAR WEATHER CONDITIONS PREVAILED IN 82% OF THE ACCIDENTS IN NEVADA DURING 1987. ALSO THERE WERE 14 ACCIDENTS IN 1987 THAT HAD AN UNKNOWN WEATHER CONDITION.

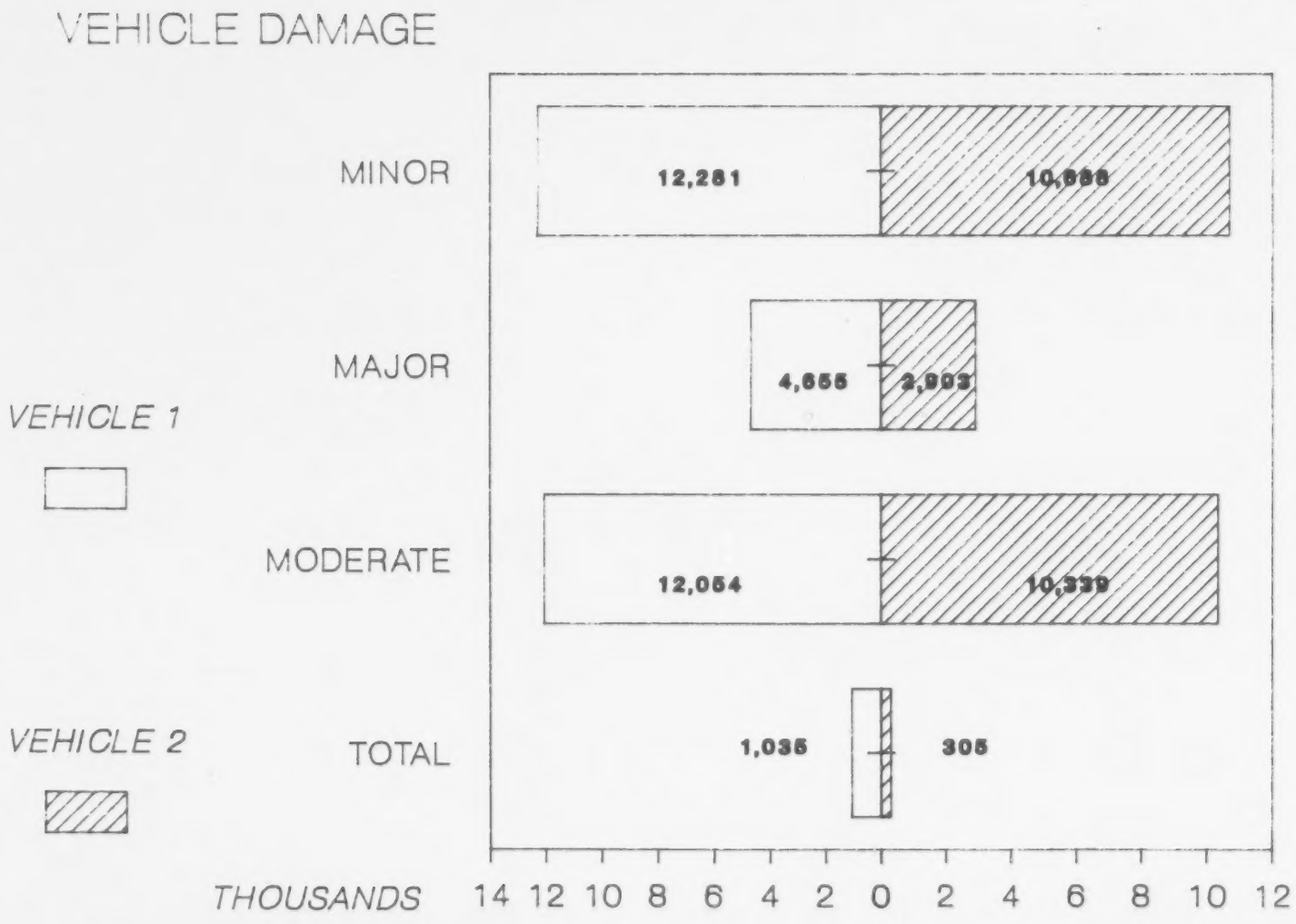
1987 STATEWIDE TRAFFIC ACCIDENTS
LIGHT CONDITION

PDO, INJURY, AND FATAL ACCIDENTS

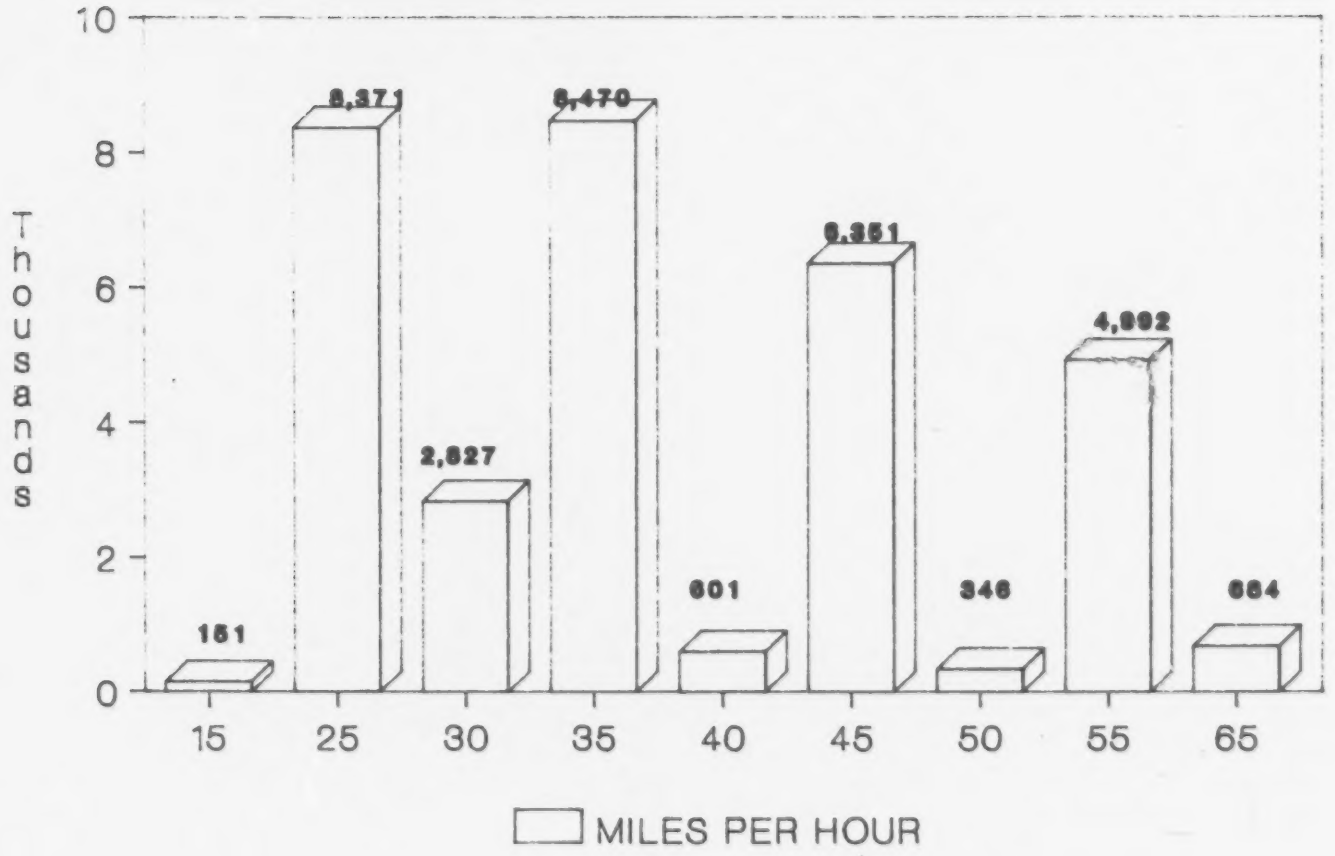


ALL NUMBERS DO NOT ADD UP TO 100% DUE TO THE NUMBER OF UNKNOWNS.

1987 STATEWIDE TRAFFIC ACCIDENTS
VEHICULAR DAMAGE



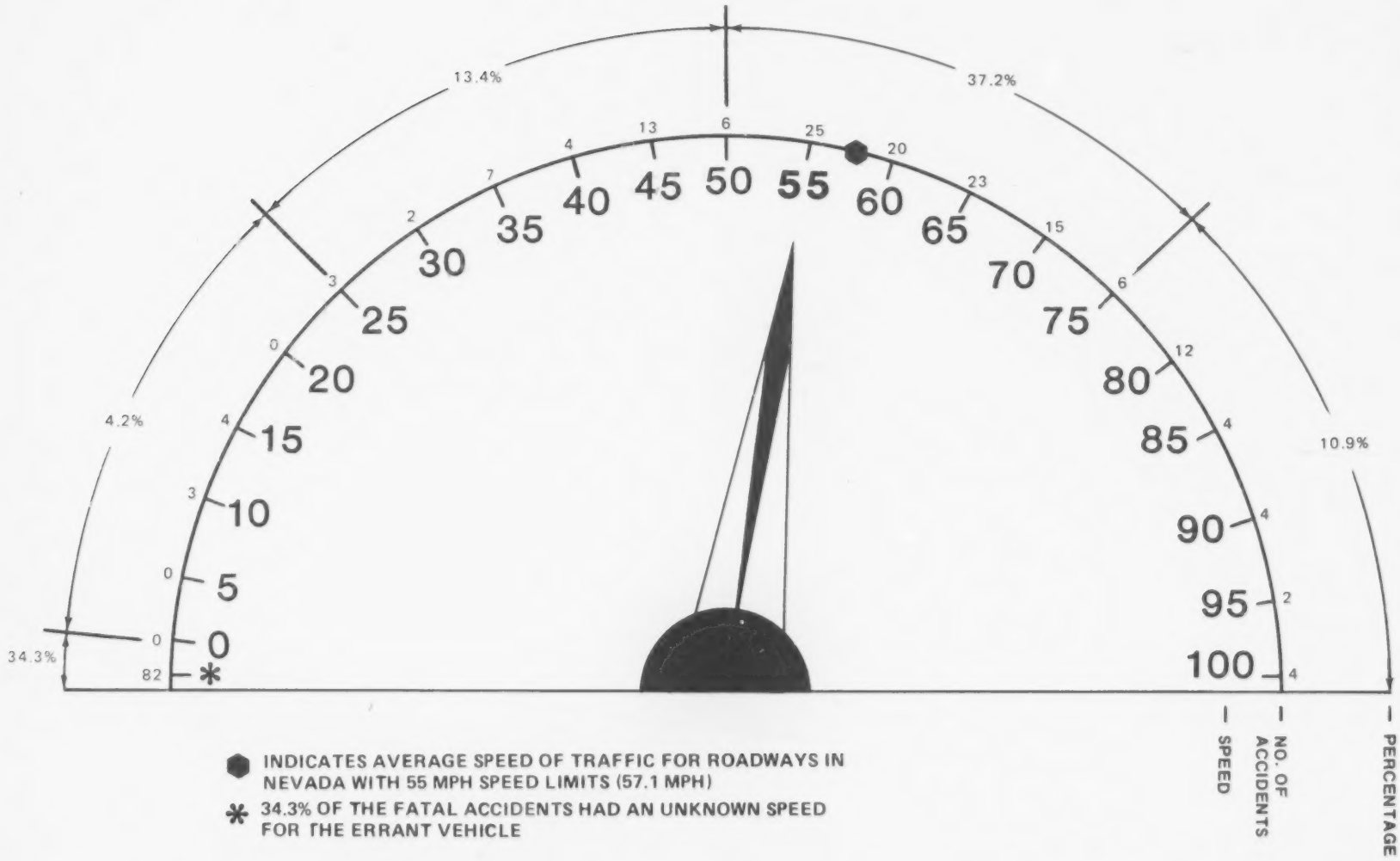
1987 STATEWIDE TRAFFIC ACCIDENTS
POSTED SPEED LIMIT AT ACCIDENT LOCATION



1987 STATEWIDE TRAFFIC ACCIDENTS

SPEED OF THE ERRANT DRIVER IN FATAL TRAFFIC ACCIDENTS
239 FATAL ACCIDENTS

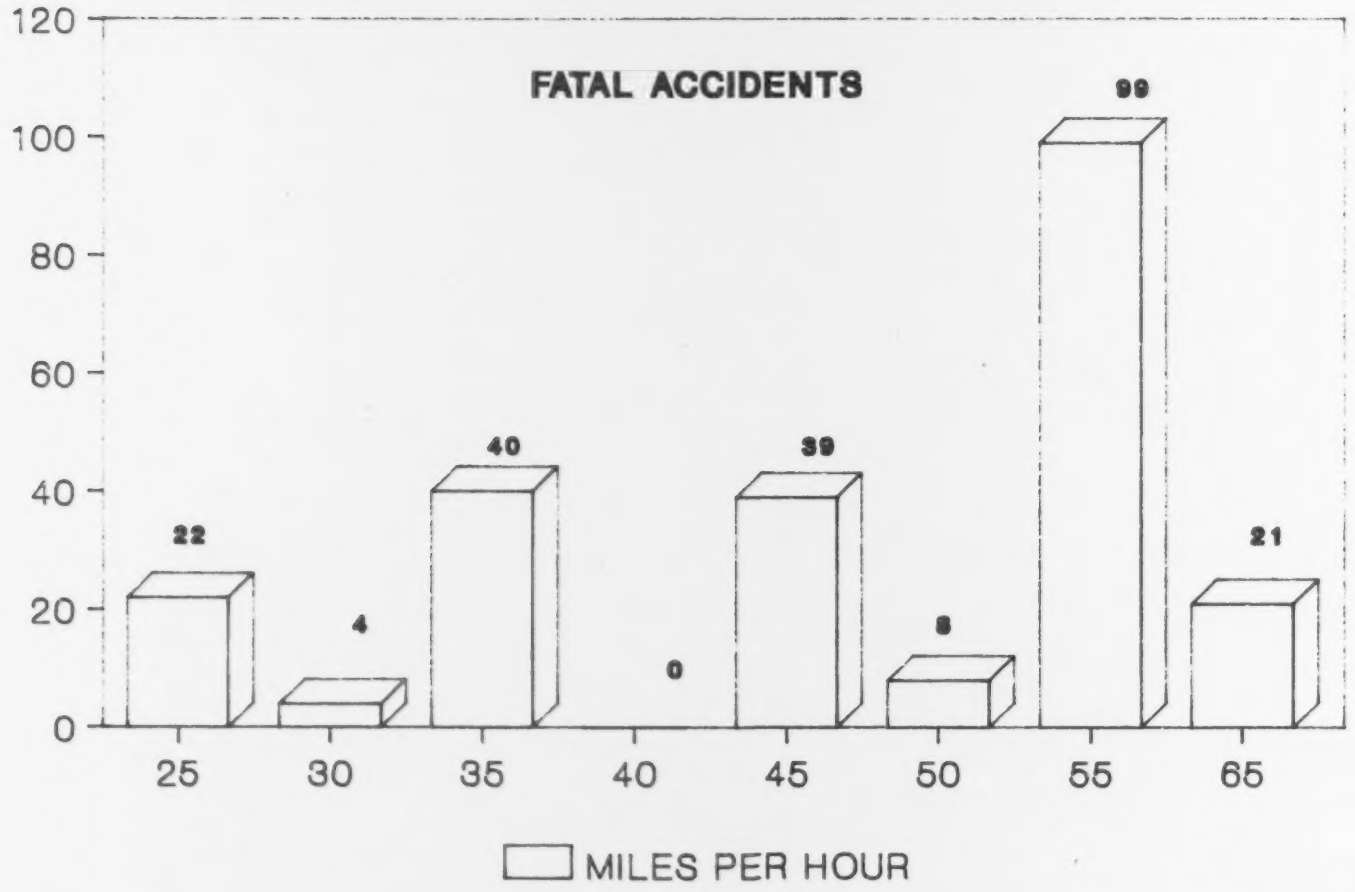
37.7% OF FATAL ACCIDENTS OCCURED AT A SPEED GREATER THAN 55MPH

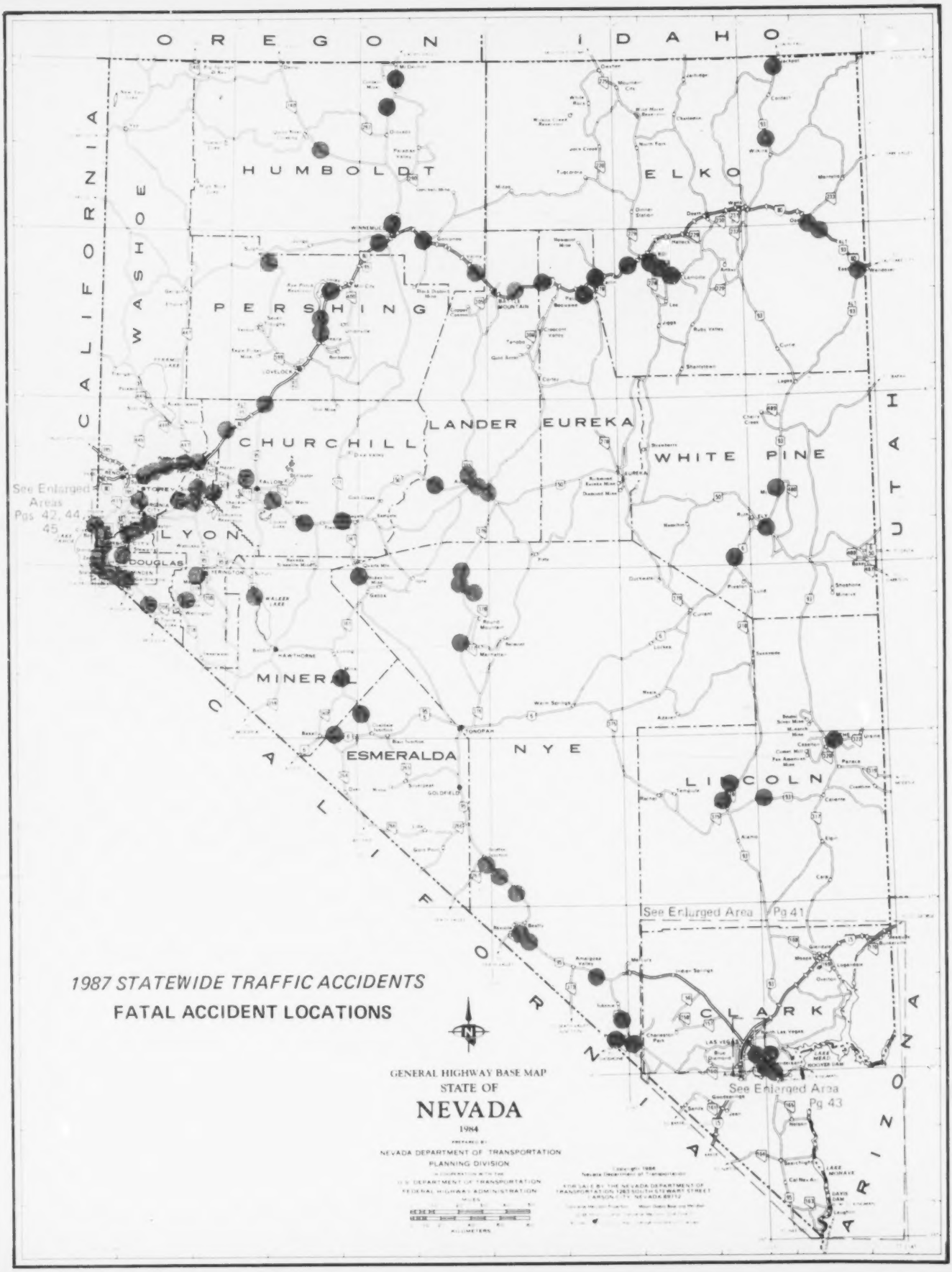


⬢ INDICATES AVERAGE SPEED OF TRAFFIC FOR ROADWAYS IN NEVADA WITH 55 MPH SPEED LIMITS (57.1 MPH)

* 34.3% OF THE FATAL ACCIDENTS HAD AN UNKNOWN SPEED FOR THE ERRANT VEHICLE

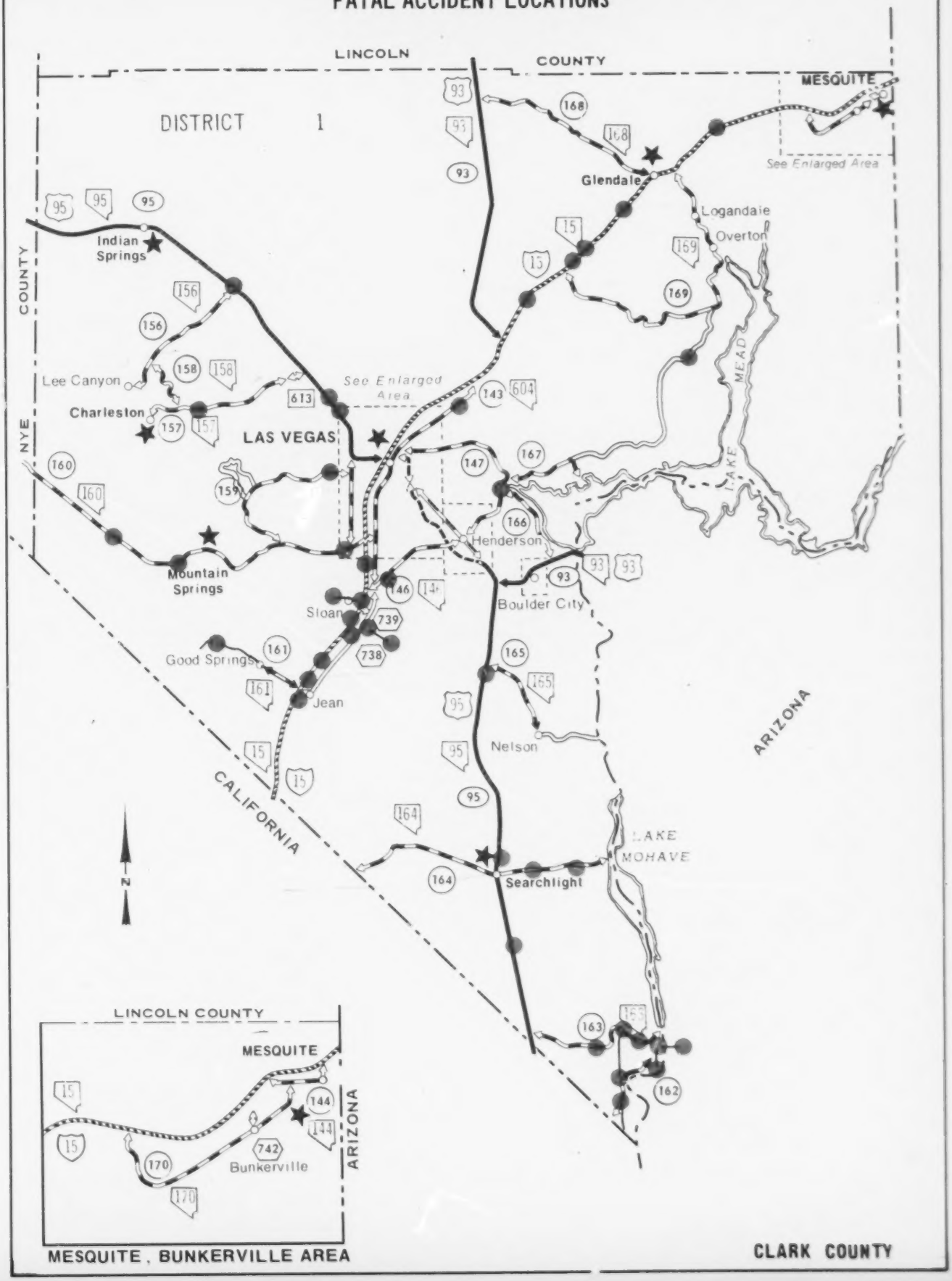
1987 STATEWIDE TRAFFIC ACCIDENTS
POSTED SPEED LIMIT AT ACCIDENT LOCATION

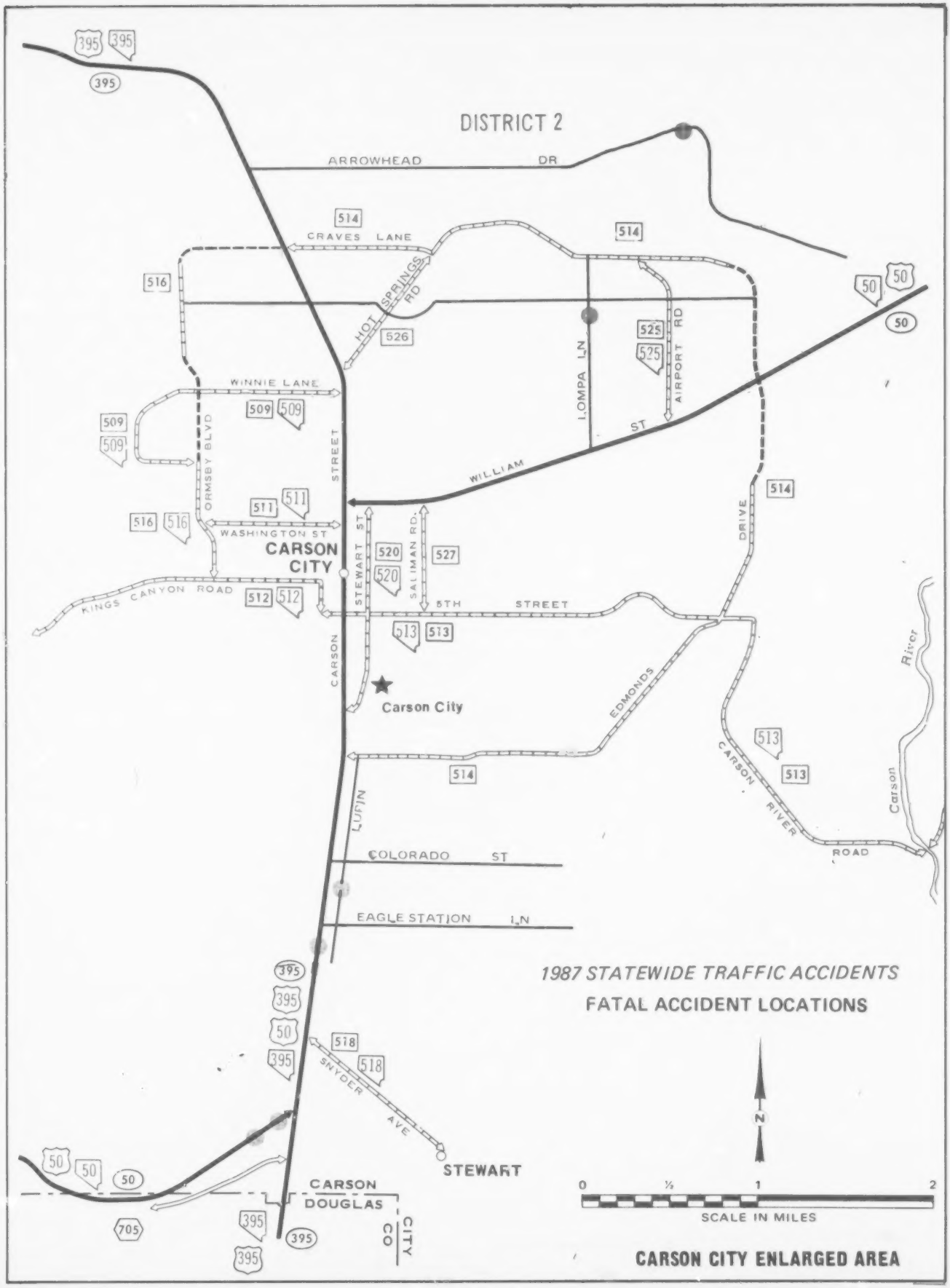


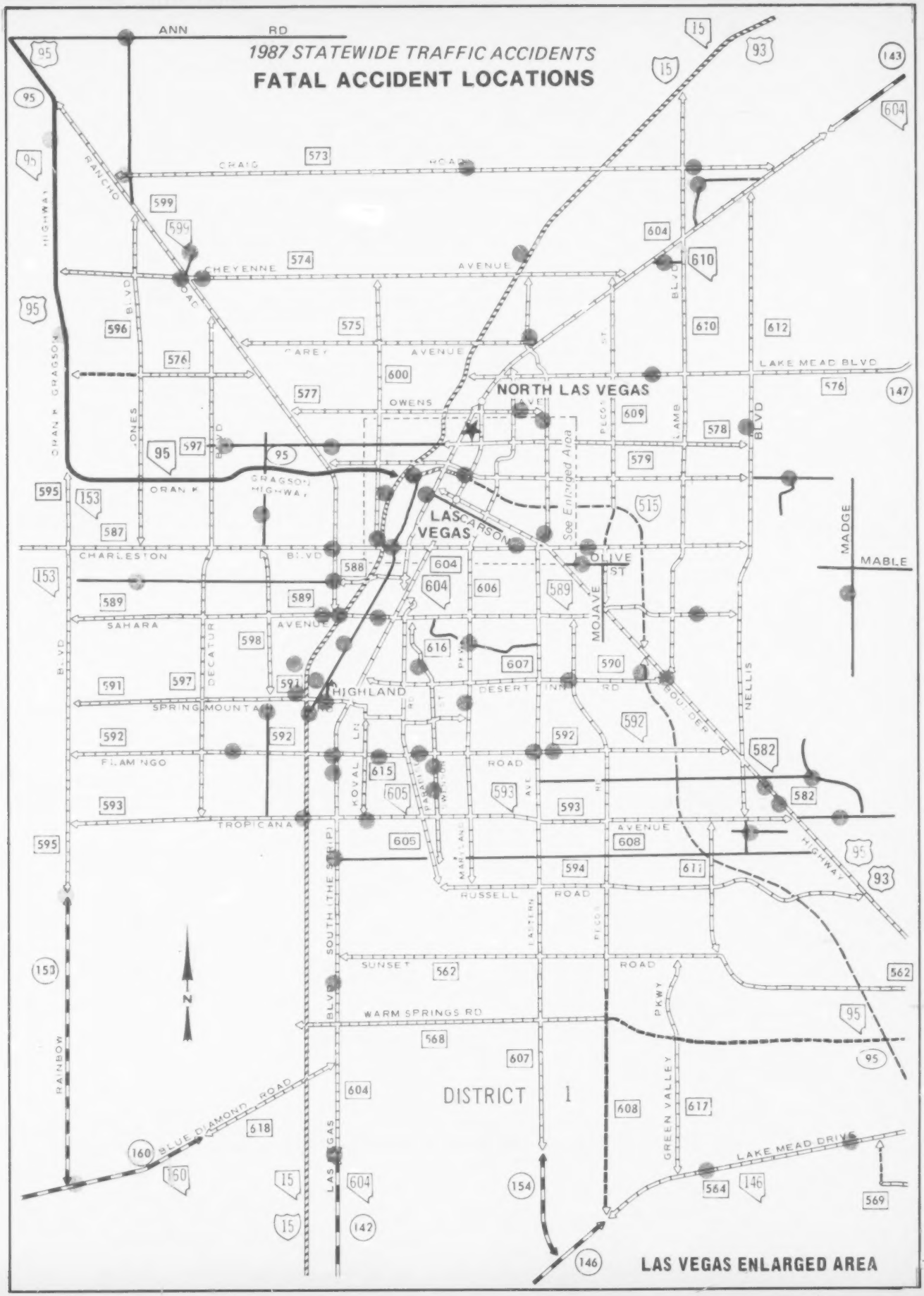

OREGON
IDAHO
CALIFORNIA
HUMBOLDT
ELKO
WASHOE
PERSHING
LANDER
EUREKA
CHURCHILL
WHITE PINE
UTAH
See Enlarged Areas Pgs. 42, 44, 45
LYON
DOUGLAS
MINERAL
ESMERALDA
NYE
LINCOLN
See Enlarged Area Pg 41
CLARK
See Enlarged Area Pg 43
ARIZONA
1987 STATEWIDE TRAFFIC ACCIDENTS
FATAL ACCIDENT LOCATIONS
N
GENERAL HIGHWAY BASE MAP
STATE OF
NEVADA
1984
NEVADA DEPARTMENT OF TRANSPORTATION
PLANNING DIVISION

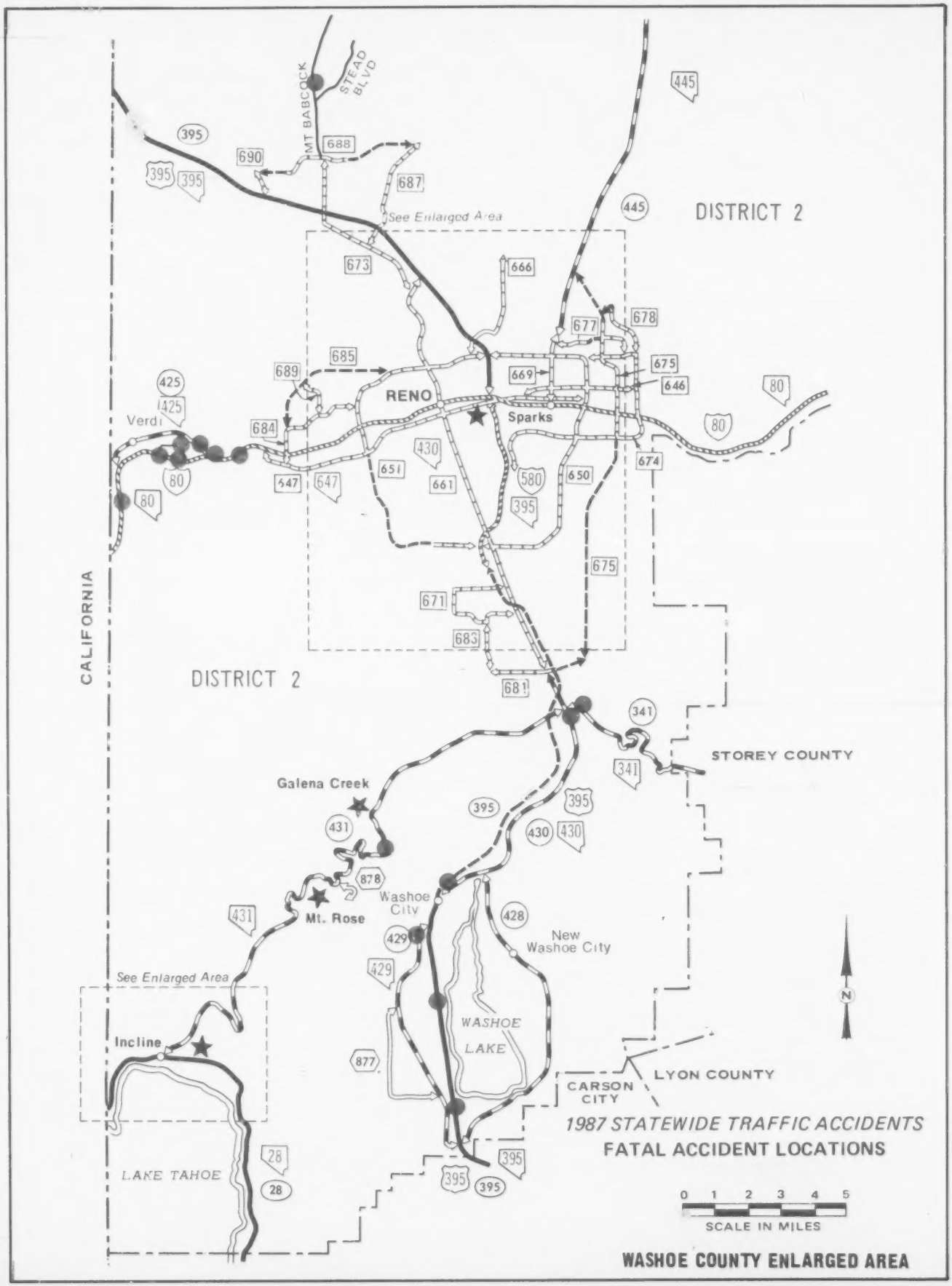
1987 STATEWIDE TRAFFIC ACCIDENTS

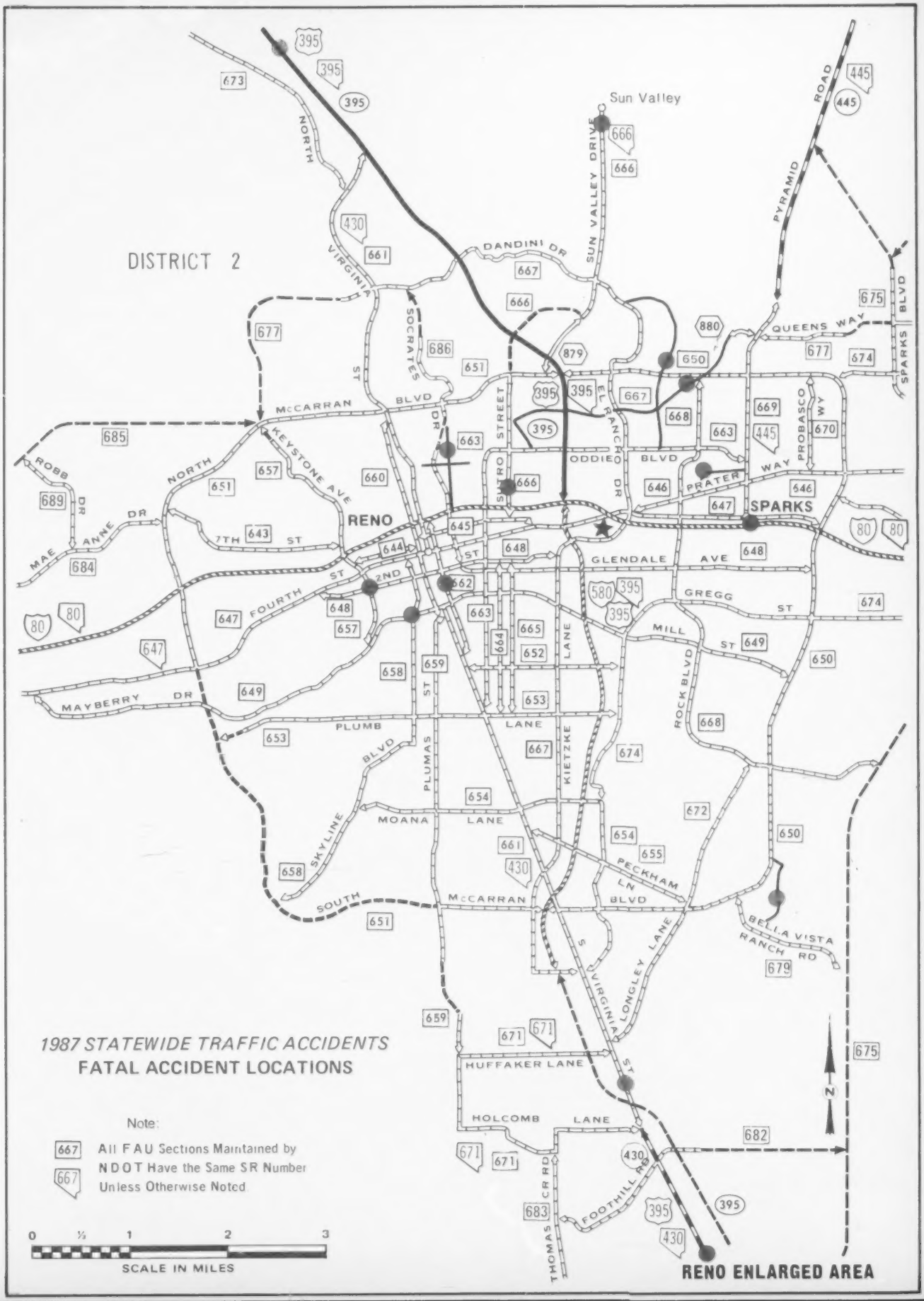
FATAL ACCIDENT LOCATIONS




DISTRICT 2
ARROWHEAD DR
CRAVES LANE
HOT SPRINGS RD
WINNIE LANE
ORMSBY BLVD
CARSON STREET
WASHINGTON ST
CARSON CITY
KINGS CANYON ROAD
STEWART ST
SALIMAN RD.
5TH STREET
WILLIAM ST
LOMPA LN
AIRPORT RD
DRIVE
CARSON
Carson City
EDMONDS
LUPIN
COLORADO ST
EAGLE STATION LN
CARSON RIVER ROAD
Carson River
SNYDER AVE
STEWART
CARSON
DOUGLAS
CO
CITY
1987 STATEWIDE TRAFFIC ACCIDENTS
FATAL ACCIDENT LOCATIONS
N
0 ½ 1 2
SCALE IN MILES
CARSON CITY ENLARGED AREA


1987 STATEWIDE TRAFFIC ACCIDENTS
FATAL ACCIDENT LOCATIONS
ANN RD
CRAIG ROAD
CHEYENNE AVENUE
CAREY AVENUE
OWENS AVE
LAKE MEAD BLVD
NORTH LAS VEGAS
LAS VEGAS
See Enlarged Area
CHARLESTON BLVD
SAHARA AVENUE
SPRING MOUNTAIN
FLAMINGO ROAD
TROPICANA AVENUE
RUSSELL ROAD
SUNSET ROAD
WARM SPRINGS RD
DESERT INN RD
OLIVE ST
MADGE
MABLE
RANCHO BLVD
JONES BLVD
DECATUR BLVD
VALLEY VIEW BLVD
LAMB BLVD
NELLIS BLVD
BOULDER HIGHWAY
SOUTH (THE STRIP) BLVD
EASTERN AVE
PECOS
MARYLAND PKWY
GREEN VALLEY PKWY
RAINBOW
LAS VEGAS
BLUE DIAMOND ROAD
LAKE MEAD DRIVE
ORAN K GRAGSON HIGHWAY
MOJAVE
HIGHLAND
KOVAL LN
N
DISTRICT 1
LAS VEGAS ENLARGED AREA


MT BABCOCK
STEAD BLVD
395
690
688
687
See Enlarged Area
445
DISTRICT 2
673
666
677
678
685
689
669
675
646
80
425
Verdi
RENO
Sparks
684
430
651
661
580
650
674
647
647
395
675
671
683
681
DISTRICT 2
CALIFORNIA
341
STOREY COUNTY
Galena Creek
431
395
430
878
Washoe City
Mt. Rose
428
New Washoe City
429
See Enlarged Area
Incline
WASHOE LAKE
877
CARSON CITY
LYON COUNTY
LAKE TAHOE
28
N
1987 STATEWIDE TRAFFIC ACCIDENTS
FATAL ACCIDENT LOCATIONS
0 1 2 3 4 5
SCALE IN MILES
WASHOE COUNTY ENLARGED AREA


DISTRICT 2
Sun Valley
RENO
SPARKS
NORTH VIRGINIA ST
SOUTH VIRGINIA ST
DANDINI DR
SUN VALLEY DRIVE
PYRAMID ROAD
QUEENS WAY
SPARKS BLVD
McCARRAN BLVD
KEYSTONE AVE
ROBB DR
MAE ANNE DR
7TH ST
2ND ST
FOURTH ST
SUTRO STREET
ODDIE BLVD
EL RANCHO DR
PROBASCO WY
PRATER WAY
GLENDALE AVE
GREGG ST
MILL ST
ROCK BLVD
MAYBERRY DR
PLUMB LANE
PLUMAS ST
KIETZKE LANE
MOANA LANE
SKYLINE BLVD
PECKHAM LN
BELLA VISTA RANCH RD
S VIRGINIA
LONGLEY LANE
HUFFAKER LANE
HOLCOMB LANE
FOOTHILL RD
THOMAS CR RD
1987 STATEWIDE TRAFFIC ACCIDENTS
FATAL ACCIDENT LOCATIONS
Note:
All FAU Sections Maintained by NDOT Have the Same SR Number Unless Otherwise Noted
0 ½ 1 2 3
SCALE IN MILES
RENO ENLARGED AREA
N